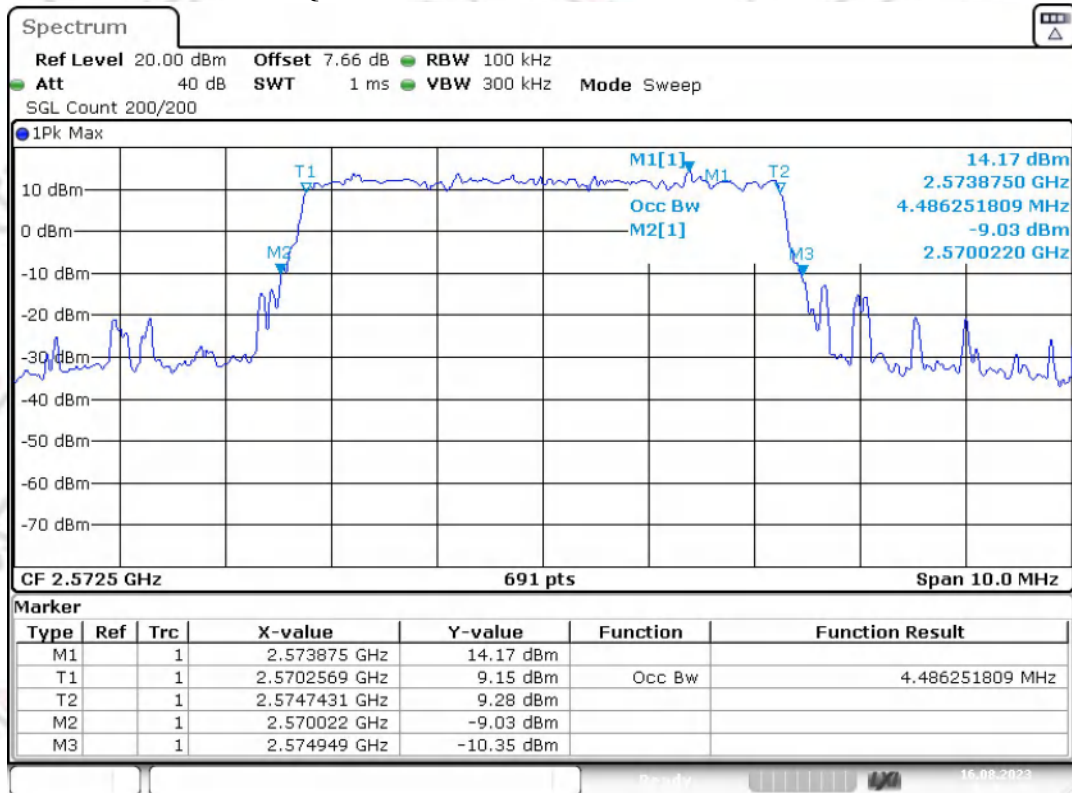
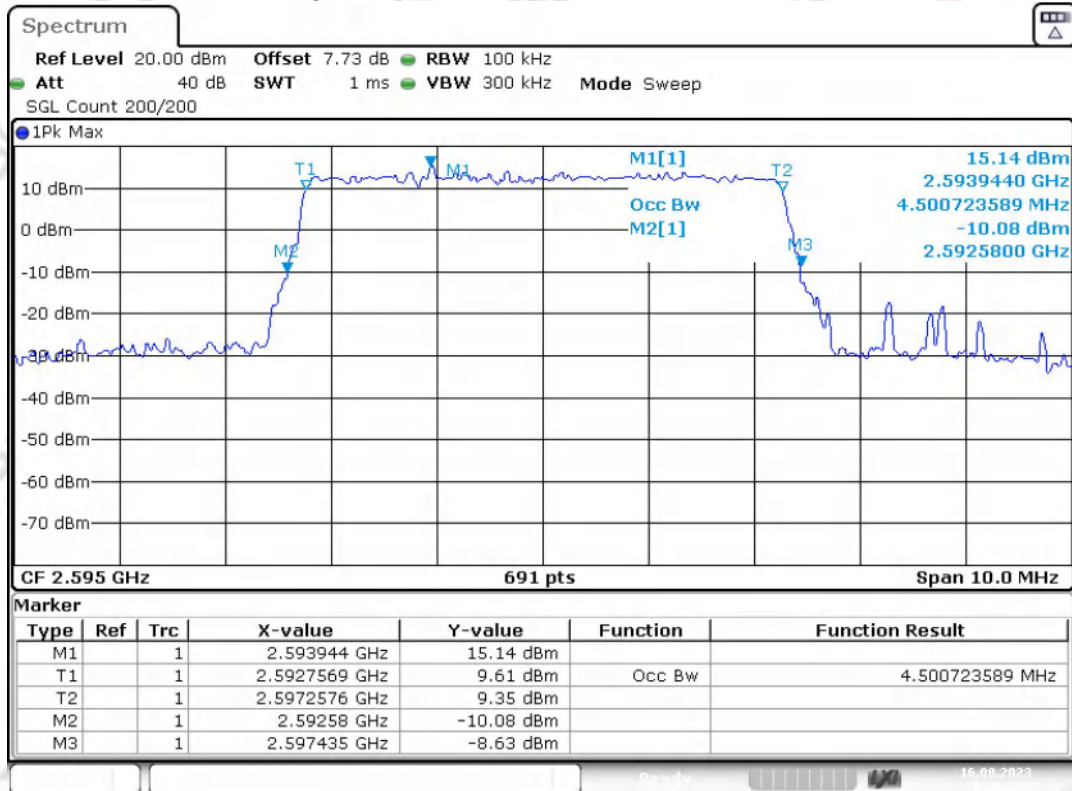


Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



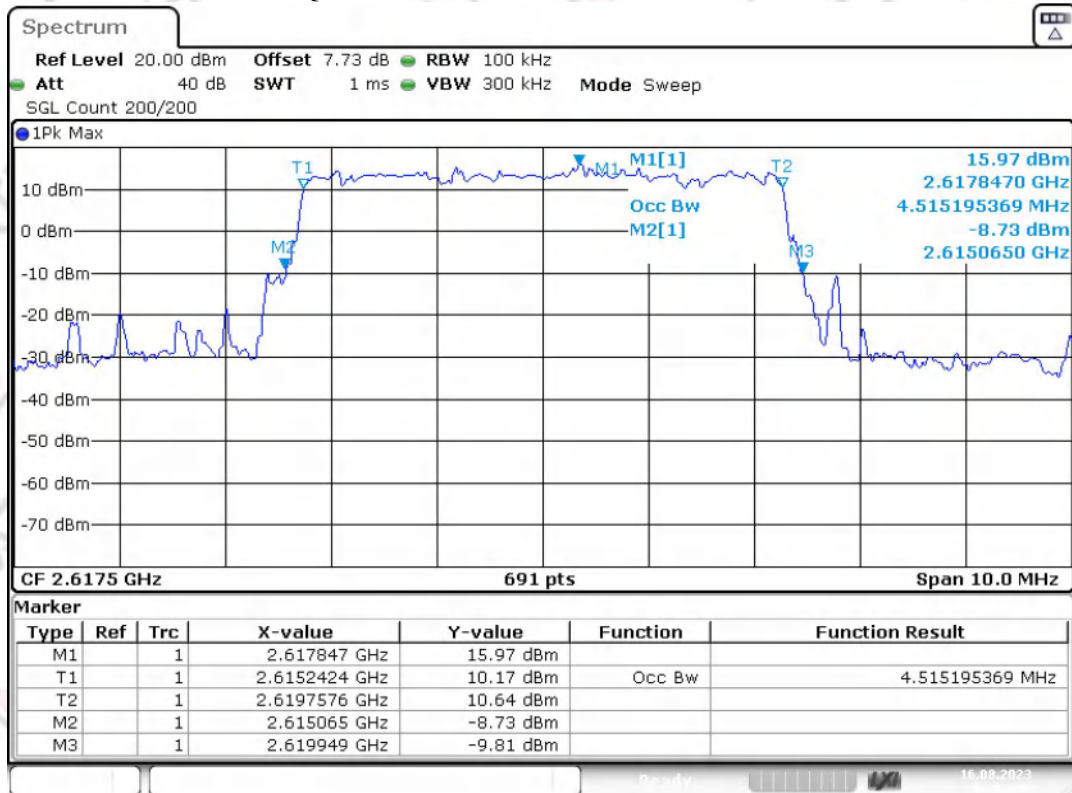
Date: 16.AUG.2023 04:14:24

Band38 QAM16 BW=5MHz Channel=38000 RB Size=25 Position=#0



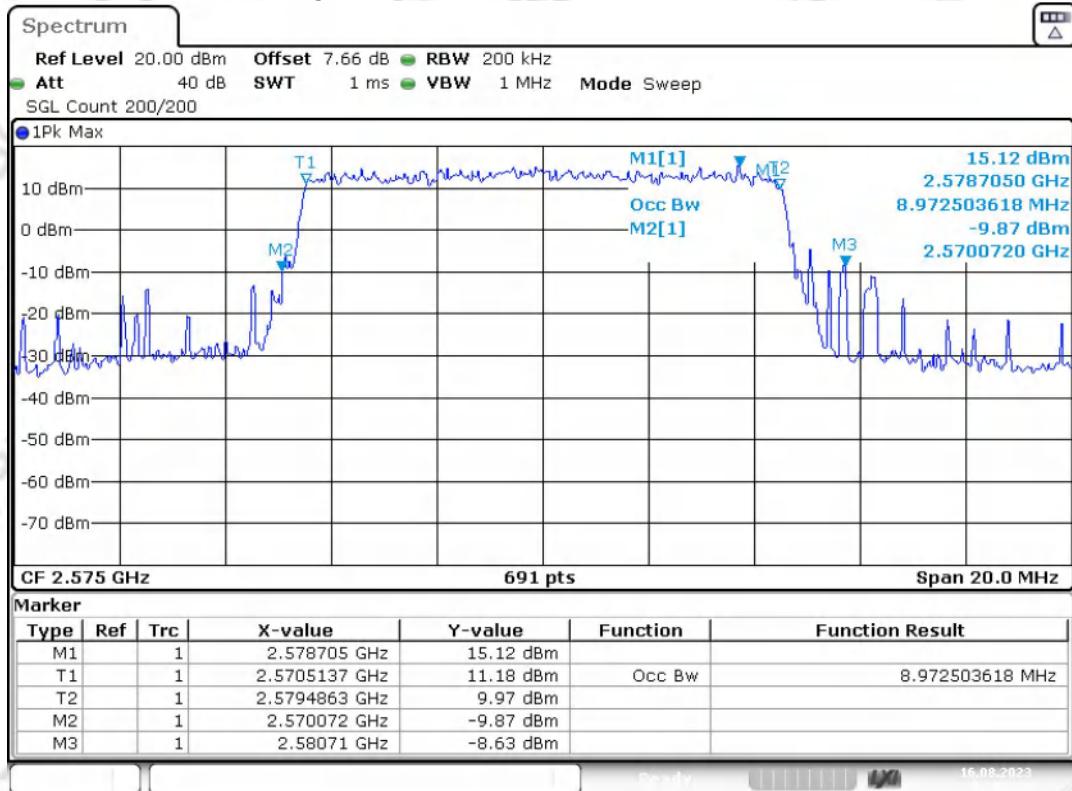
Date: 16.AUG.2023 04:14:34

Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



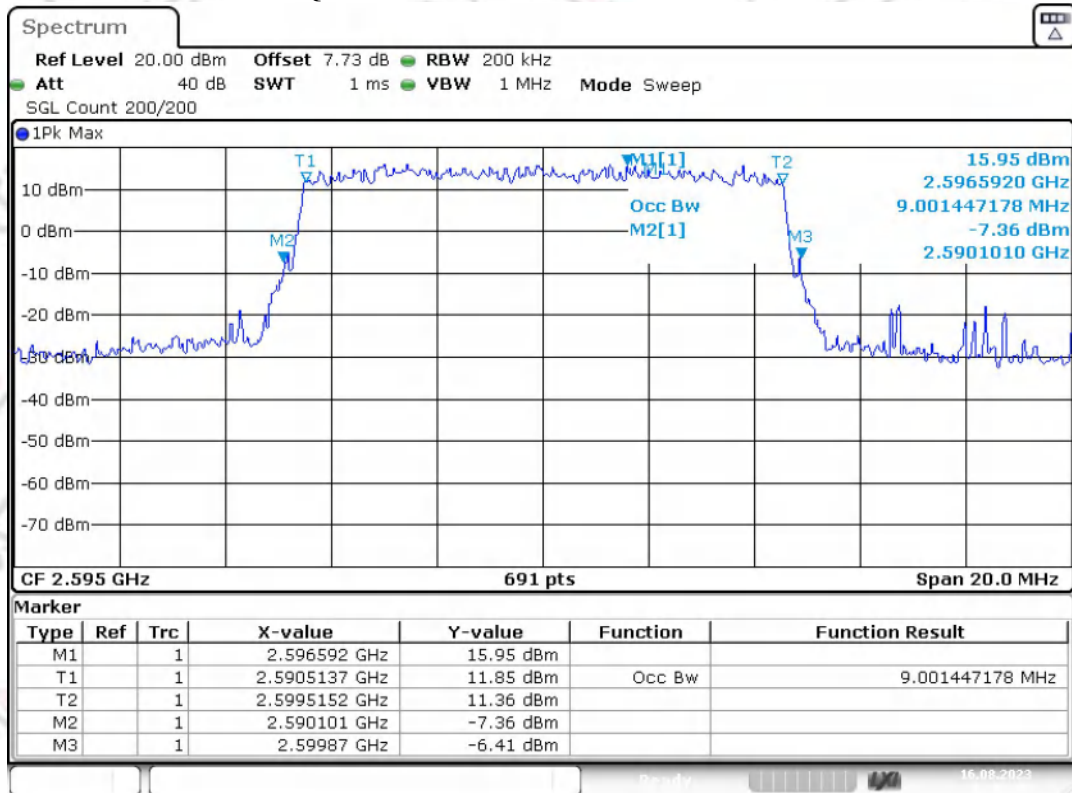
Date: 16.AUG.2023 04:14:46

Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



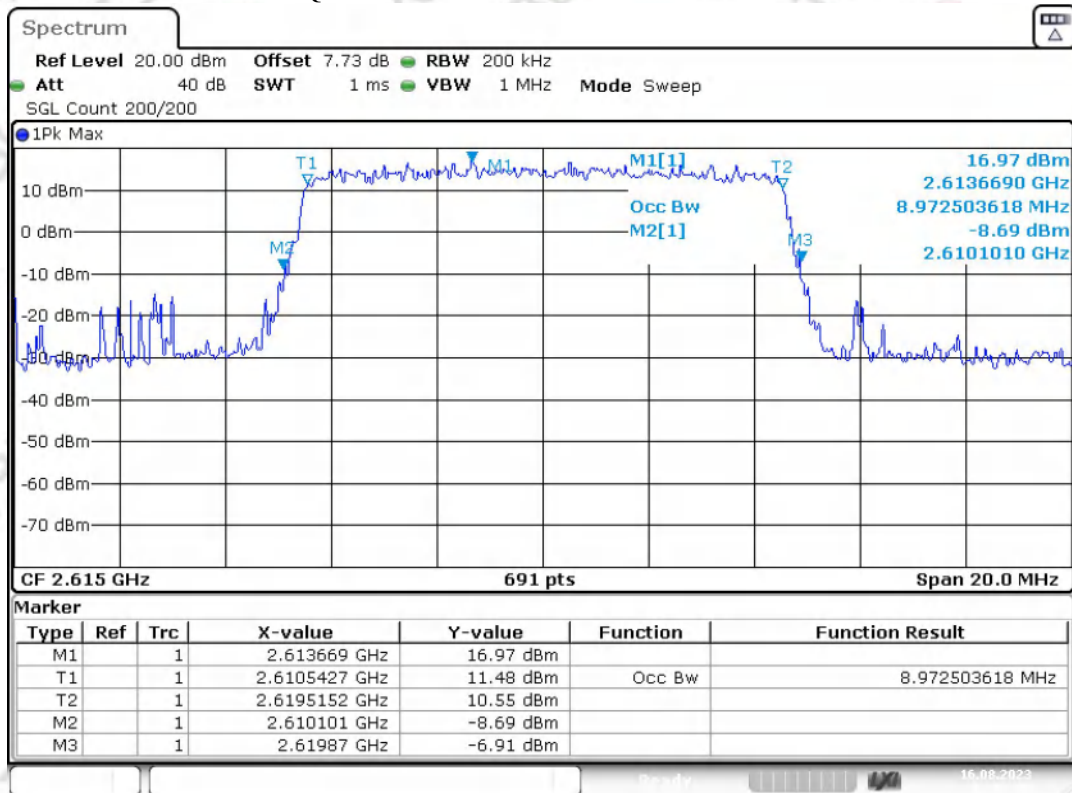
Date: 16.AUG.2023 04:00:20

Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



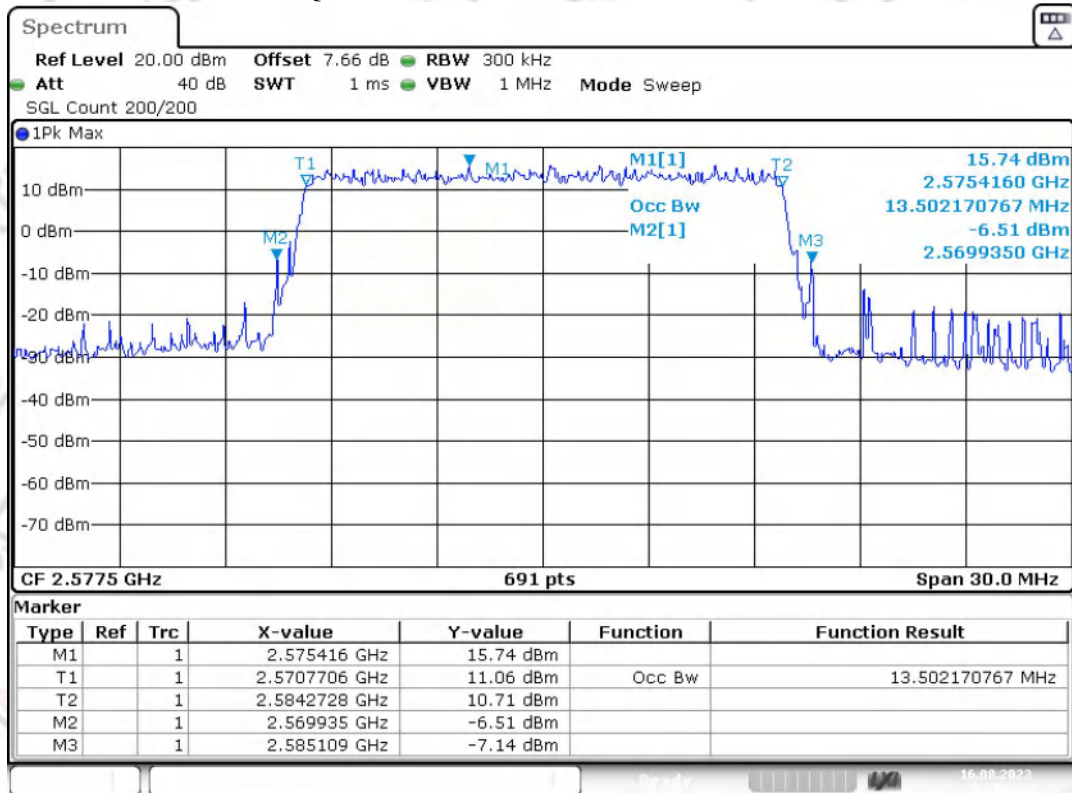
Date: 16.AUG.2023 04:00:30

Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



Date: 16.AUG.2023 04:00:44

Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



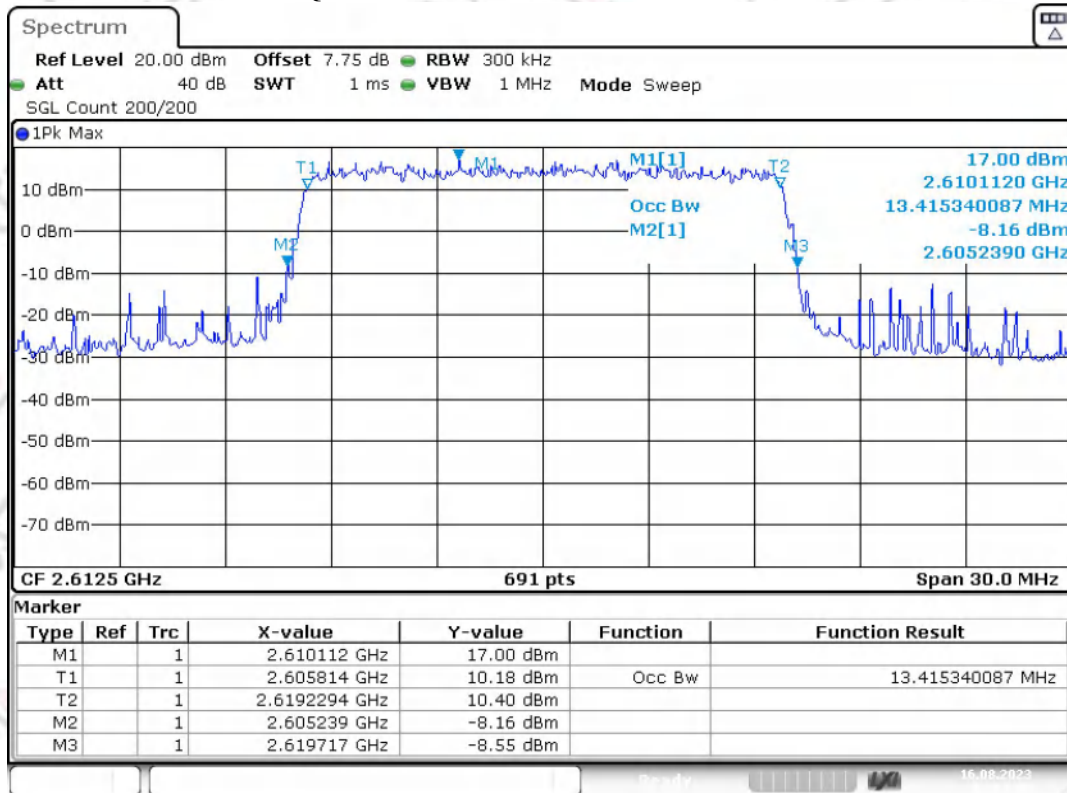
Date: 16.AUG.2023 04:00:53

Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



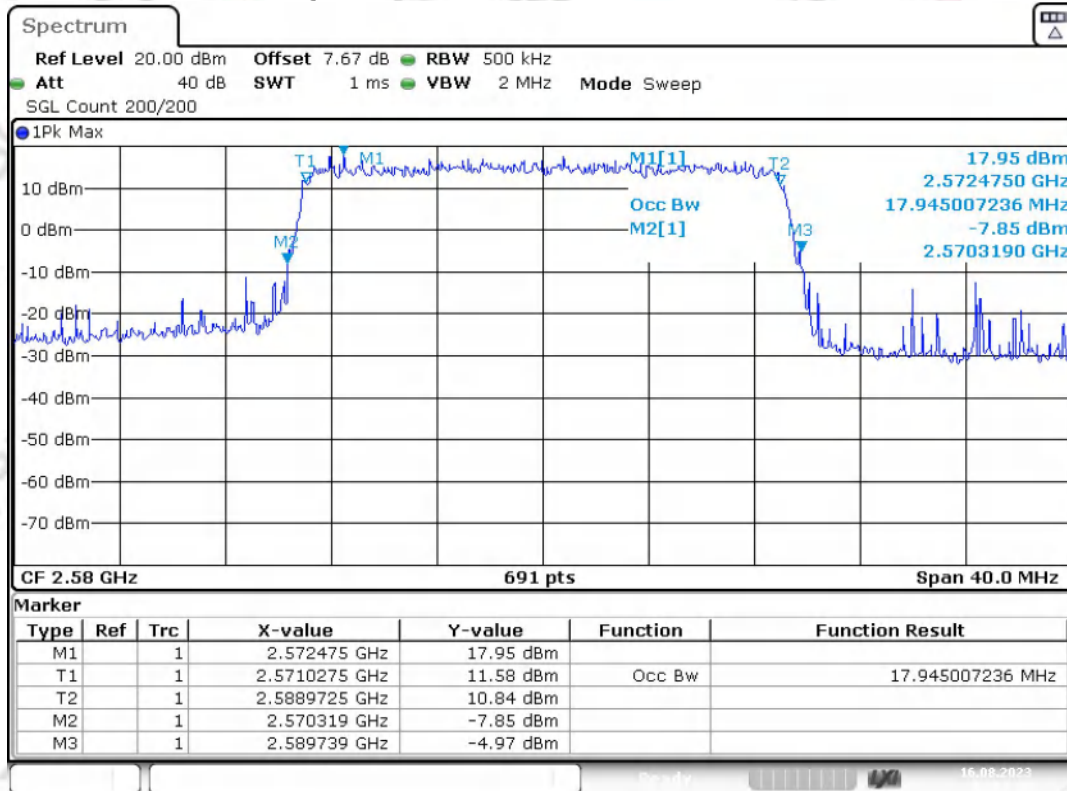
Date: 16.AUG.2023 04:01:00

Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



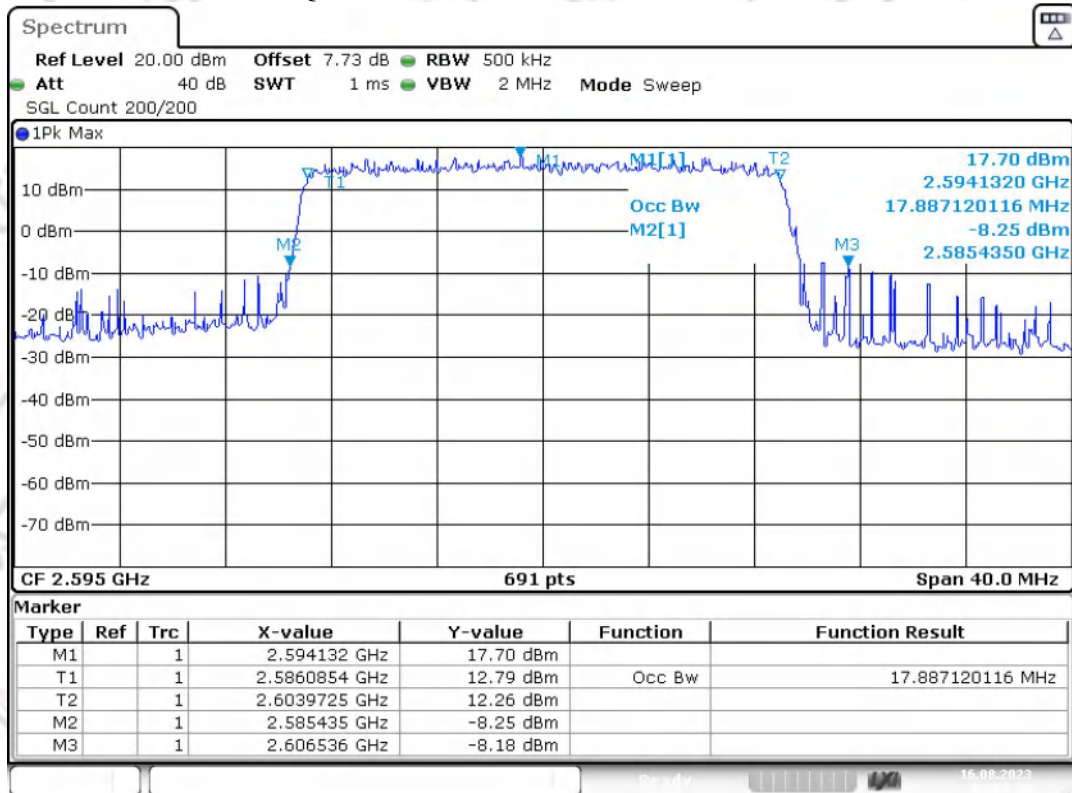
Date: 16.AUG.2023 04:01:07

Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



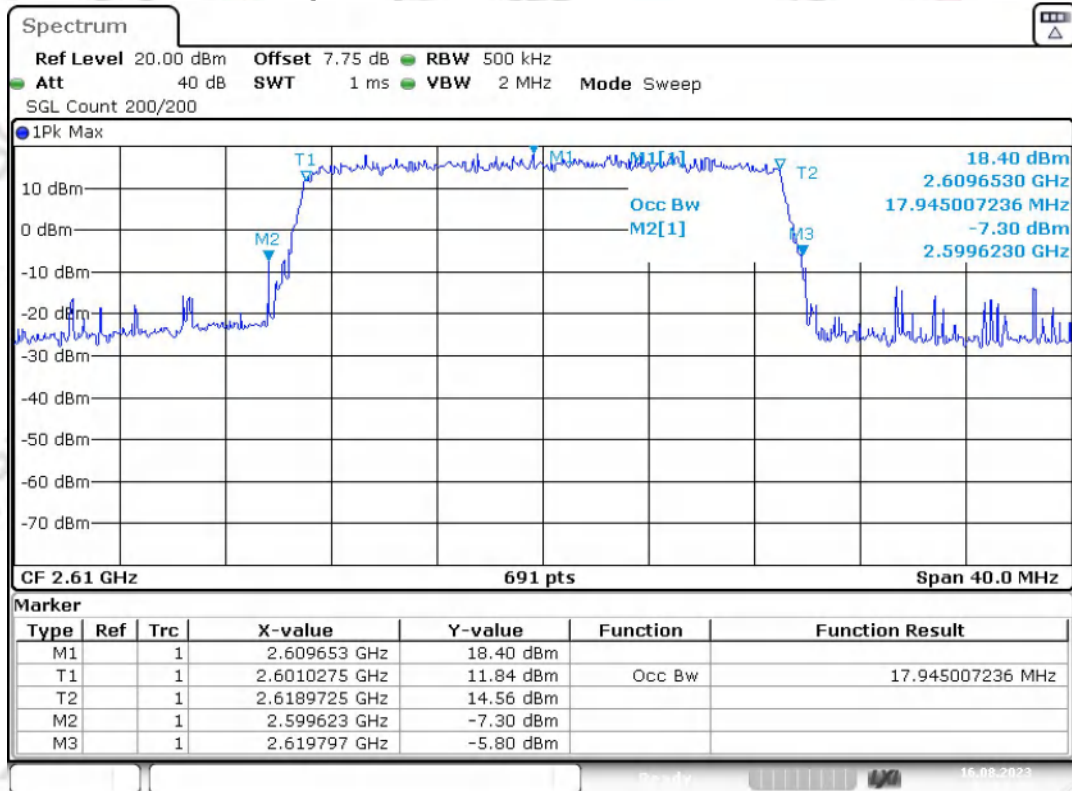
Date: 16.AUG.2023 04:01:16

Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



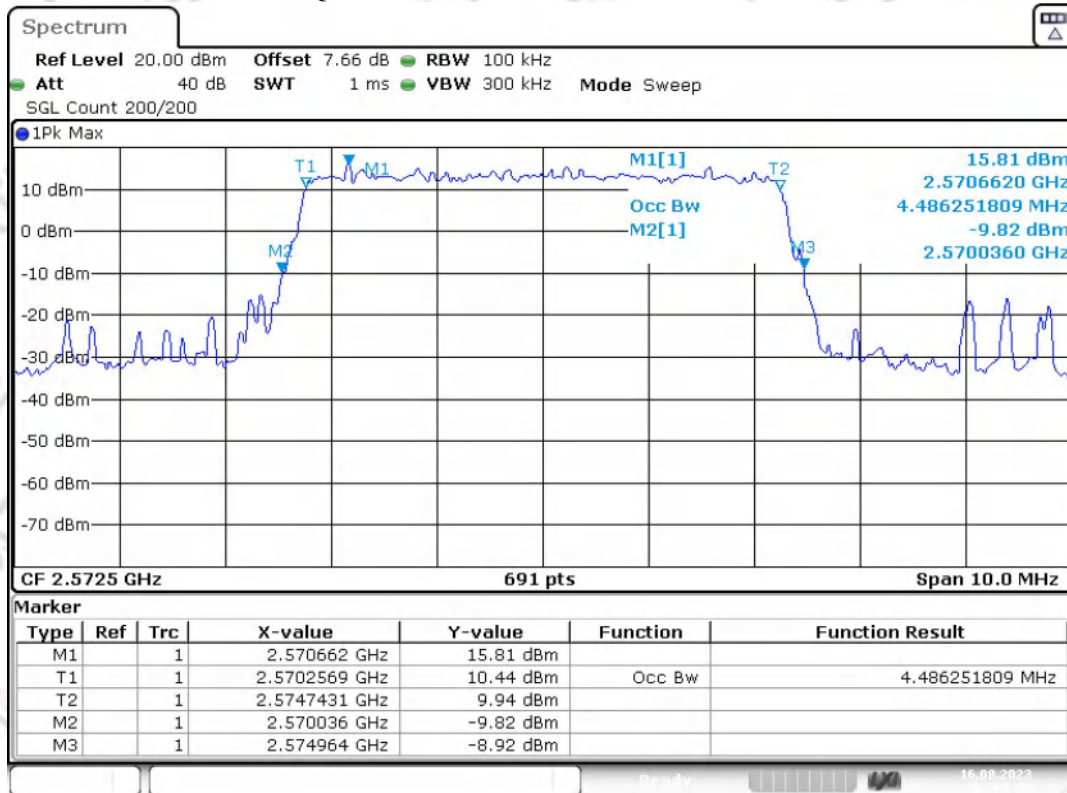
Date: 16.AUG.2023 04:01:23

Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



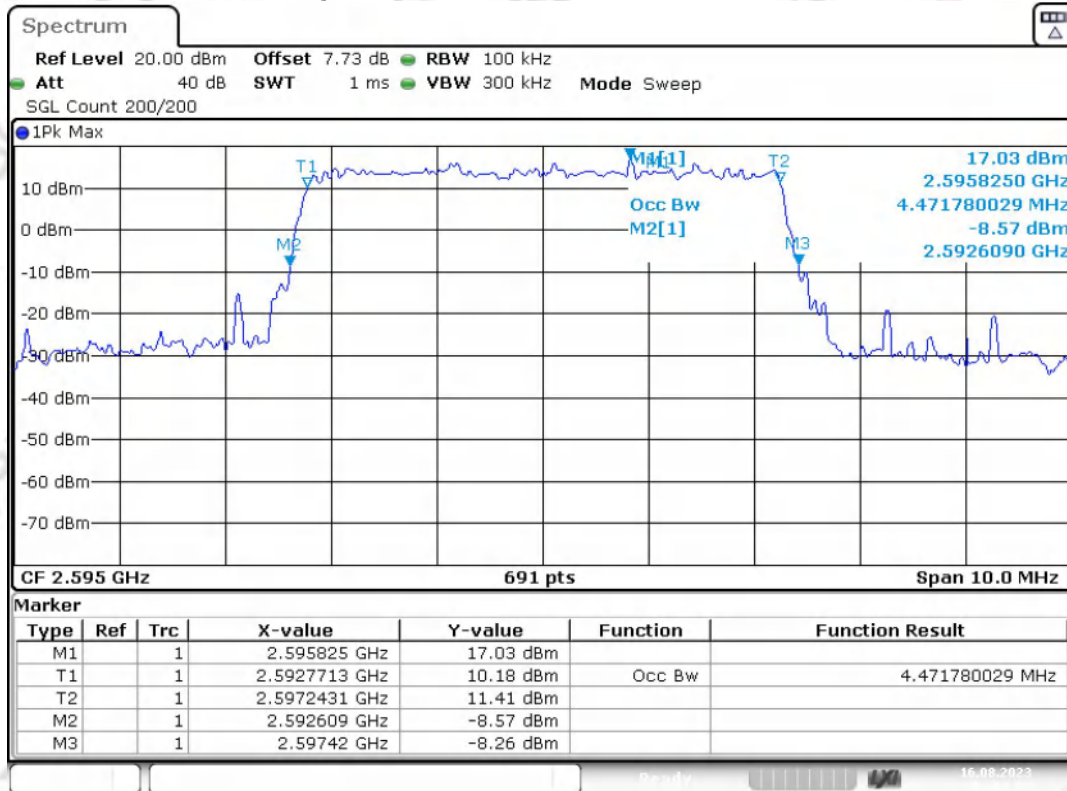
Date: 16.AUG.2023 04:01:30

Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



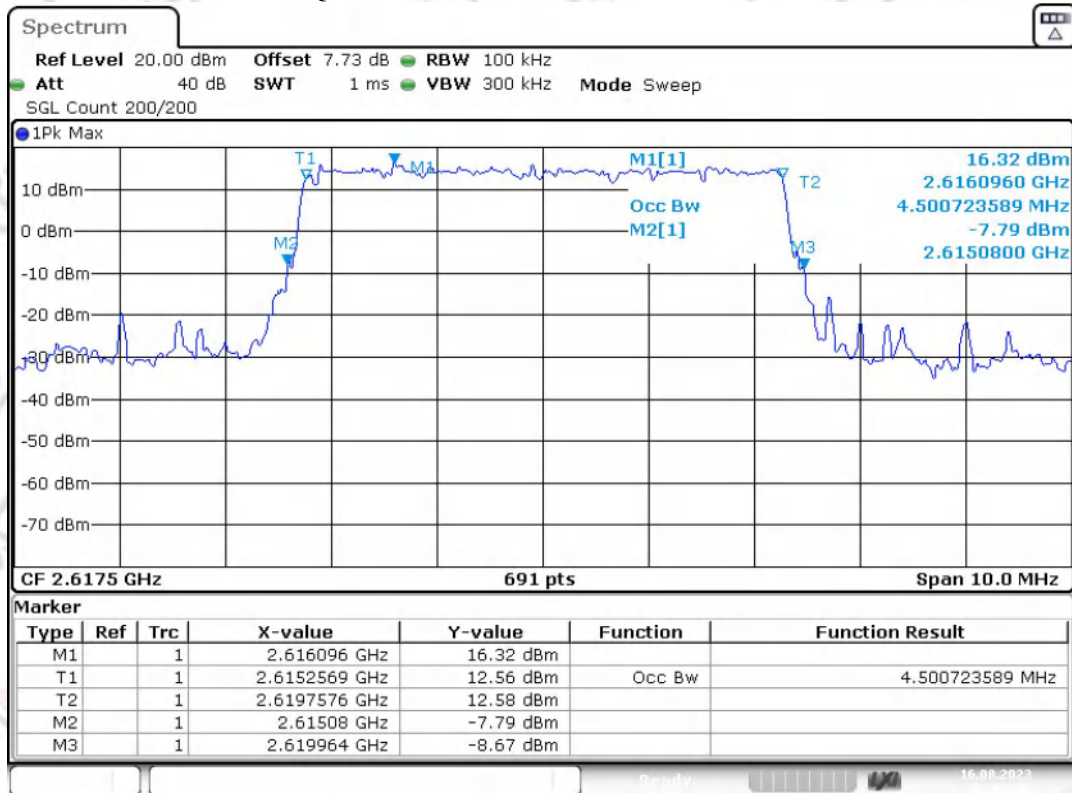
Date: 16.AUG.2023 03:59:46

Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



Date: 16.AUG.2023 03:59:55

Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0

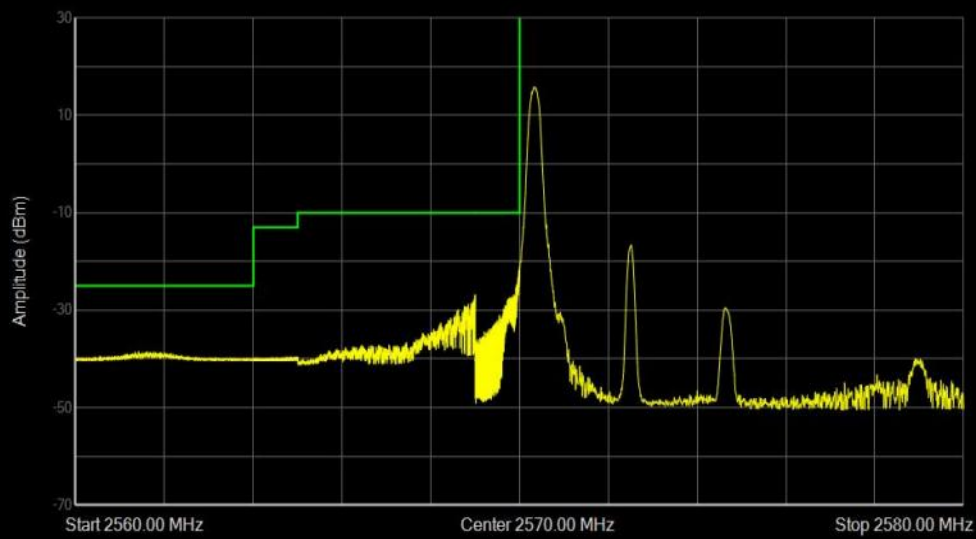


Date: 16.AUG.2023 04:00:08

05 Band edge

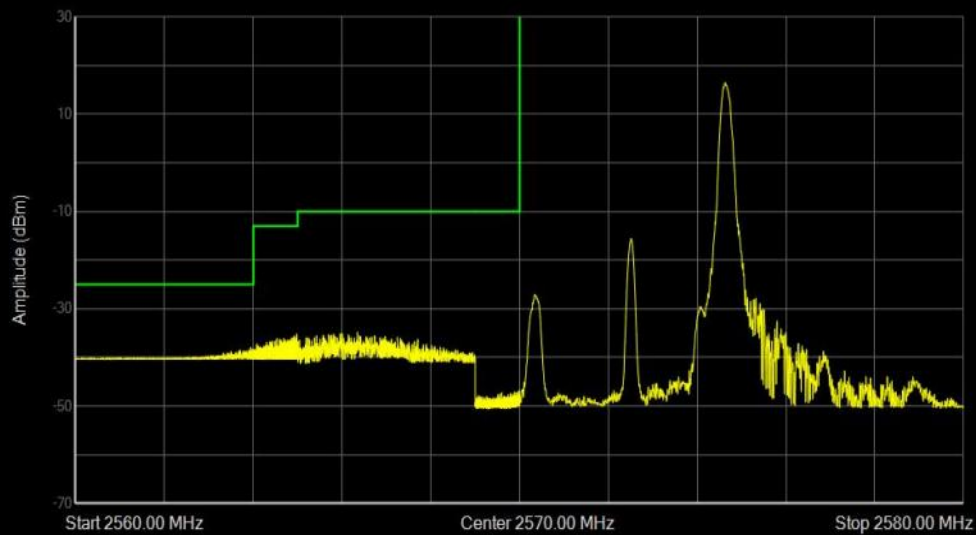
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	1	#0	QAM16	2570.00	-21.13	-10	PASS
Band38	5	37775	1	#Max	QAM16	2563.94	-37.96	-25	PASS
Band38	5	37775	25	#0	QAM16	2563.96	-39.78	-25	PASS
Band38	5	38225	1	#0	QAM16	2626.07	-38.19	-25	PASS
Band38	5	38225	1	#Max	QAM16	2620.01	-20.54	-10	PASS
Band38	5	38225	25	#0	QAM16	2626.18	-37.69	-25	PASS
Band38	10	37800	1	#0	QPSK	2557.73	-38.84	-25	PASS
Band38	10	37800	1	#Max	QPSK	2559.89	-33.40	-25	PASS
Band38	10	37800	50	#0	QPSK	2559.42	-39.03	-25	PASS
Band38	10	38200	1	#0	QPSK	2630.30	-35.50	-25	PASS
Band38	10	38200	1	#Max	QPSK	2631.88	-39.04	-25	PASS
Band38	10	38200	50	#0	QPSK	2630.17	-35.95	-25	PASS
Band38	15	37825	1	#0	QPSK	2570.00	-23.27	-10	PASS
Band38	15	37825	1	#Max	QPSK	2554.97	-37.02	-25	PASS
Band38	15	37825	75	#0	QPSK	2553.02	-39.16	-25	PASS
Band38	15	38175	1	#0	QPSK	2635.09	-38.14	-25	PASS
Band38	15	38175	1	#Max	QPSK	2620.01	-23.33	-10	PASS
Band38	15	38175	75	#0	QPSK	2635.34	-36.46	-25	PASS
Band38	20	37850	1	#0	QPSK	2570.00	-23.78	-10	PASS
Band38	20	37850	1	#Max	QPSK	2549.95	-39.18	-25	PASS
Band38	20	37850	100	#0	QPSK	2545.99	-39.51	-25	PASS
Band38	20	38150	1	#0	QPSK	2640.07	-39.79	-25	PASS
Band38	20	38150	1	#Max	QPSK	2620.01	-22.87	-10	PASS
Band38	20	38150	100	#0	QPSK	2640.06	-38.36	-25	PASS
Band38	5	37775	1	#0	QPSK	2570.00	-21.62	-10	PASS
Band38	5	37775	1	#Max	QPSK	2563.98	-38.51	-25	PASS
Band38	5	37775	25	#0	QPSK	2563.64	-39.52	-25	PASS
Band38	5	38225	1	#0	QPSK	2626.13	-36.74	-25	PASS
Band38	5	38225	1	#Max	QPSK	2620.01	-18.64	-10	PASS
Band38	5	38225	25	#0	QPSK	2626.12	-37.13	-25	PASS

Band38 QAM16 BW=5MHz Channel=37775 RB Size=1 Position=#0



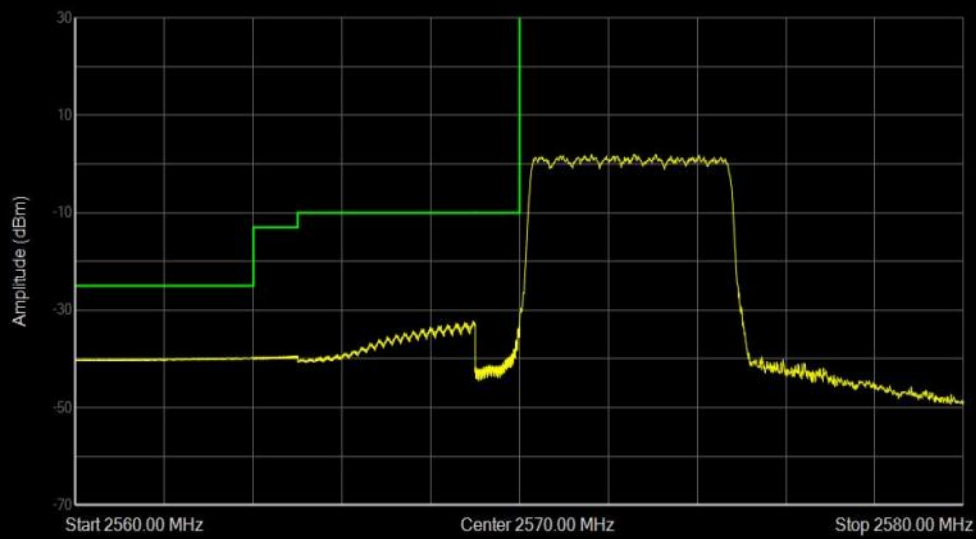
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2561.416	-38.48	-25
2	2564	2565	1000	2564.829	-39.59	-13
3	2565	2569	1000	2568.996	-26.83	-10
4	2569	2570	100	2569.996	-21.13	-10

Band38 QAM16 BW=5MHz Channel=37775 RB Size=1 Position=#Max



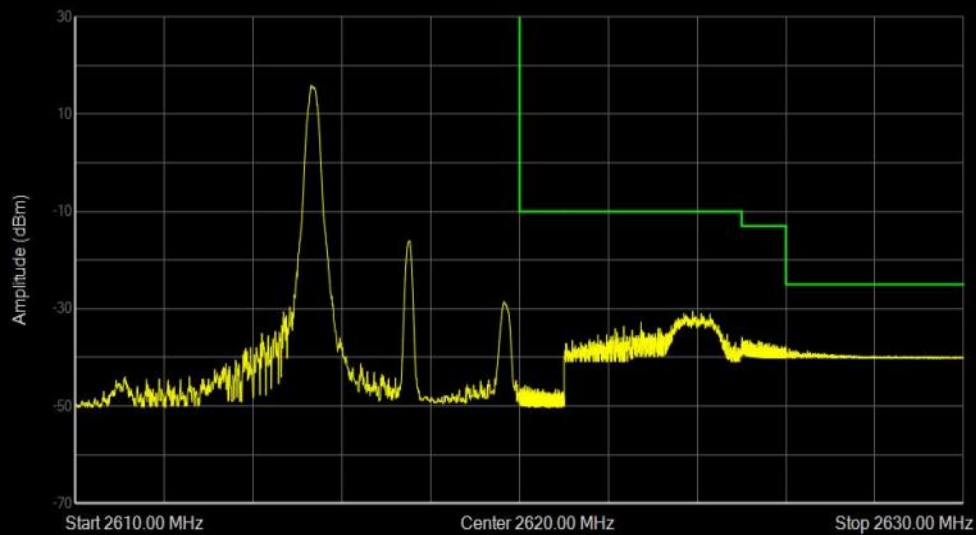
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2563.94	-37.96	-25
2	2564	2565	1000	2564.976	-35.21	-13
3	2565	2569	1000	2566.344	-34.81	-10
4	2569	2570	100	2569.977	-46.86	-10

Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



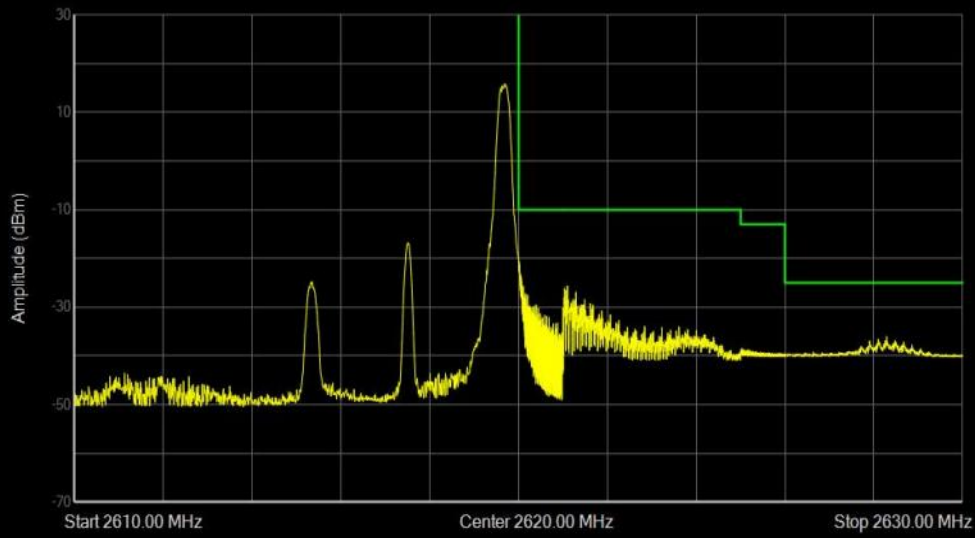
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2563.96	-39.78	-25
2	2564	2565	1000	2564.969	-39.35	-13
3	2565	2569	1000	2568.956	-32.24	-10
4	2569	2570	100	2569.998	-32.81	-10

Band38 QAM16 BW=5MHz Channel=38225 RB Size=1 Position=#0



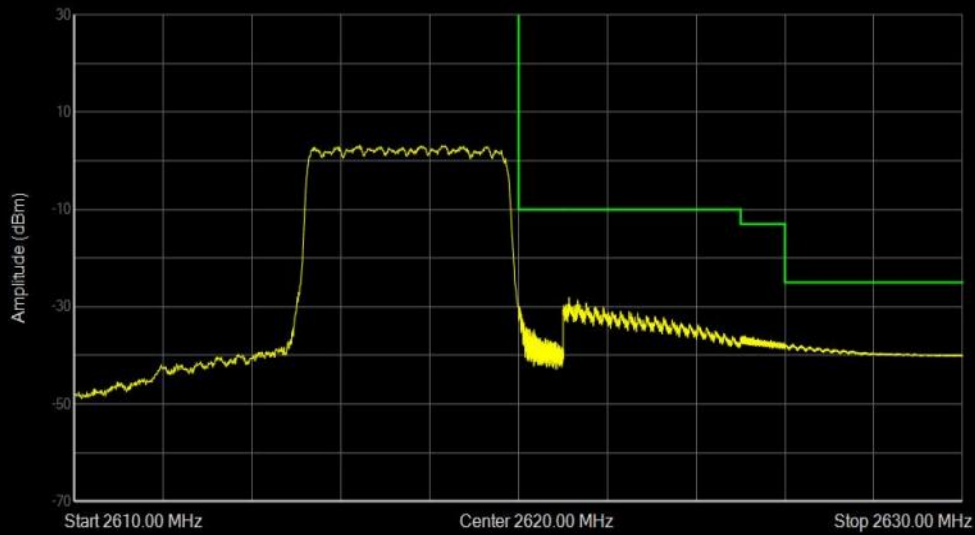
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.124	-45.74	-10
2	2621	2625	1000	2623.896	-30.52	-10
3	2625	2626	1000	2625.008	-35.87	-13
4	2626	2630	1000	2626.072	-38.19	-25

Band38 QAM16 BW=5MHz Channel=38225 RB Size=1 Position=#Max



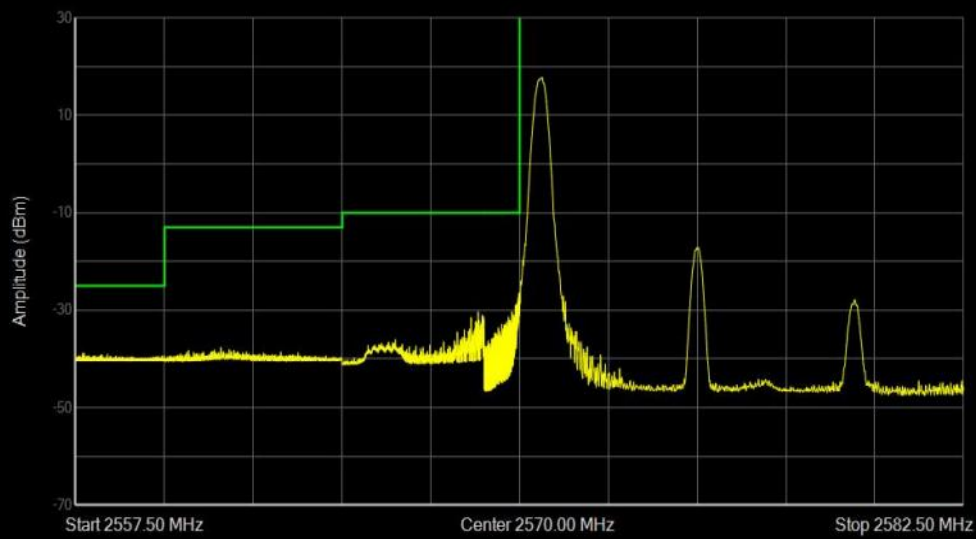
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.007	-20.54	-10
2	2621	2625	1000	2621.096	-25.65	-10
3	2625	2626	1000	2625.031	-38.5	-13
4	2626	2630	1000	2628.288	-36.03	-25

Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



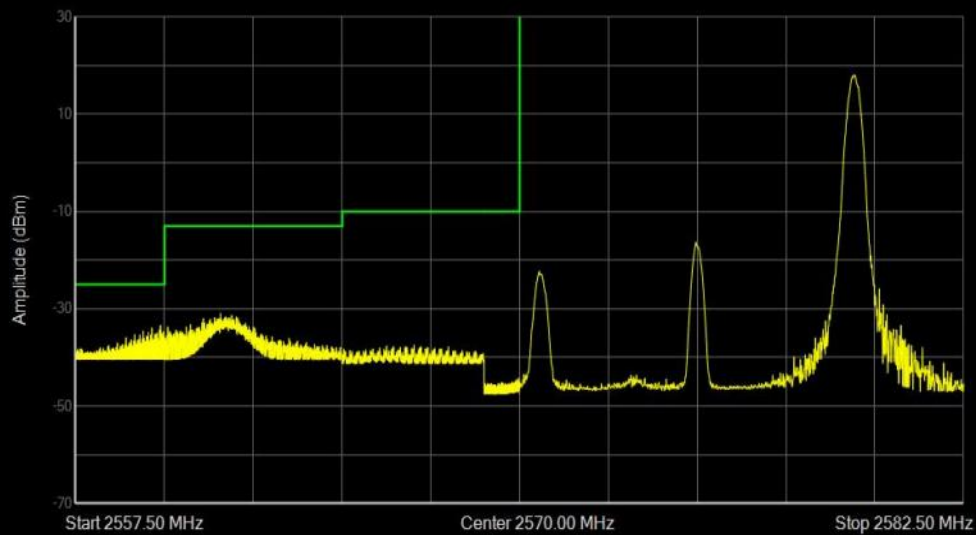
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.024	-30.03	-10
2	2621	2625	1000	2621.136	-28.1	-10
3	2625	2626	1000	2625.107	-36	-13
4	2626	2630	1000	2626.184	-37.69	-25

Band38 QPSK BW=10MHz Channel=37800 RB Size=1 Position=#0



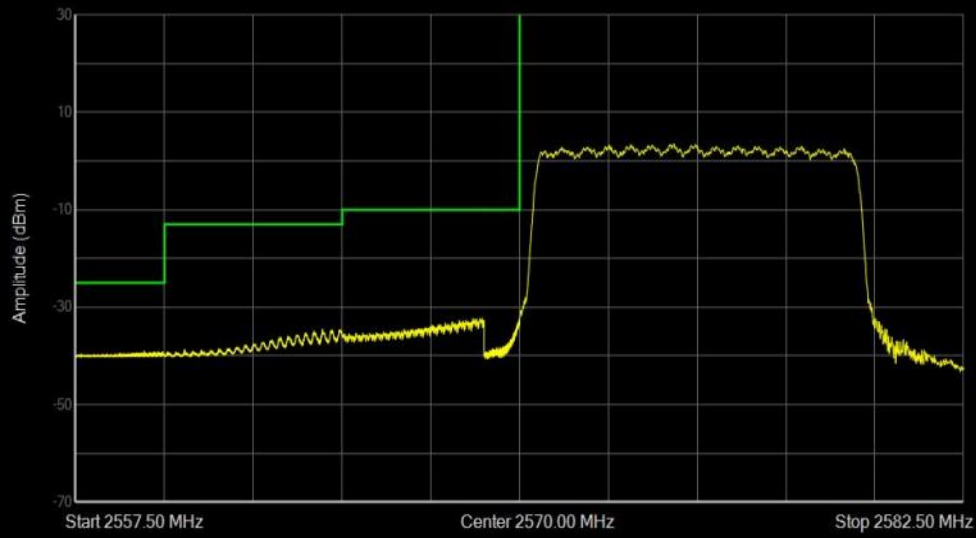
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2557.7325	-38.84	-25
2	2560	2565	1000	2561.585	-37.66	-13
3	2565	2569	1000	2568.828	-30.36	-10
4	2569	2570	200	2569.999	-26.37	-10

Band38 QPSK BW=10MHz Channel=37800 RB Size=1 Position=#Max



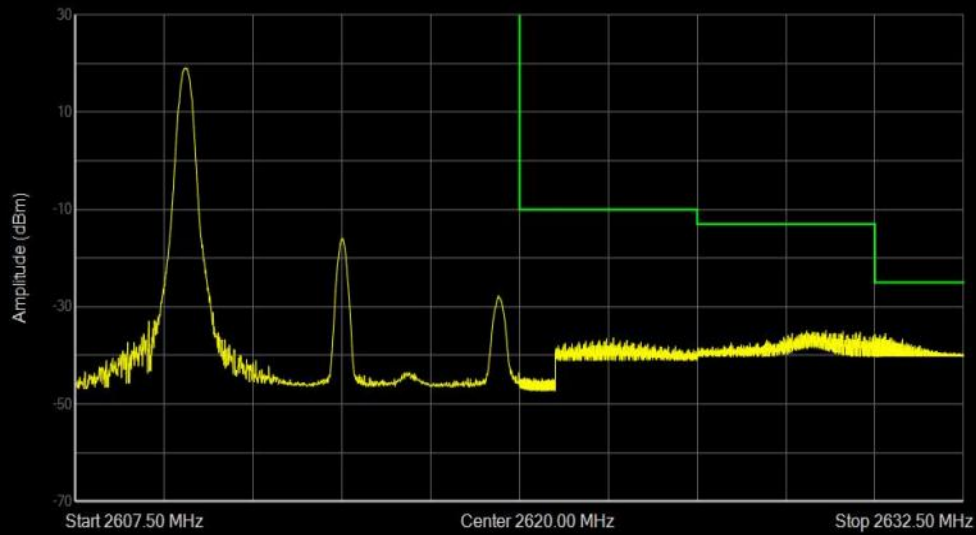
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2559.885	-33.4	-25
2	2560	2565	1000	2561.575	-30.94	-13
3	2565	2569	1000	2567.024	-37.45	-10
4	2569	2570	200	2569.968	-44.27	-10

Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



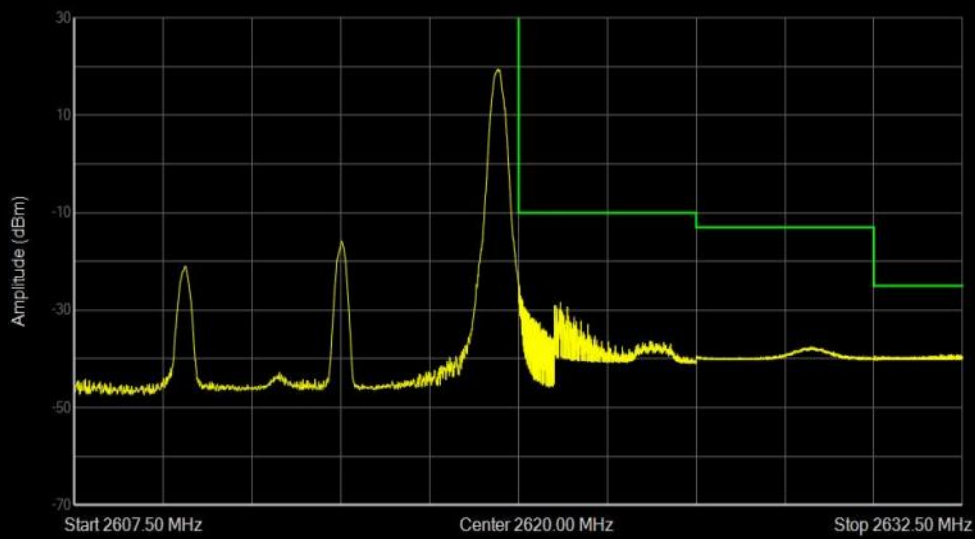
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2559.4225	-39.03	-25
2	2560	2565	1000	2564.445	-34.52	-13
3	2565	2569	1000	2568.684	-32.34	-10
4	2569	2570	200	2569.998	-32.53	-10

Band38 QPSK BW=10MHz Channel=38200 RB Size=1 Position=#0



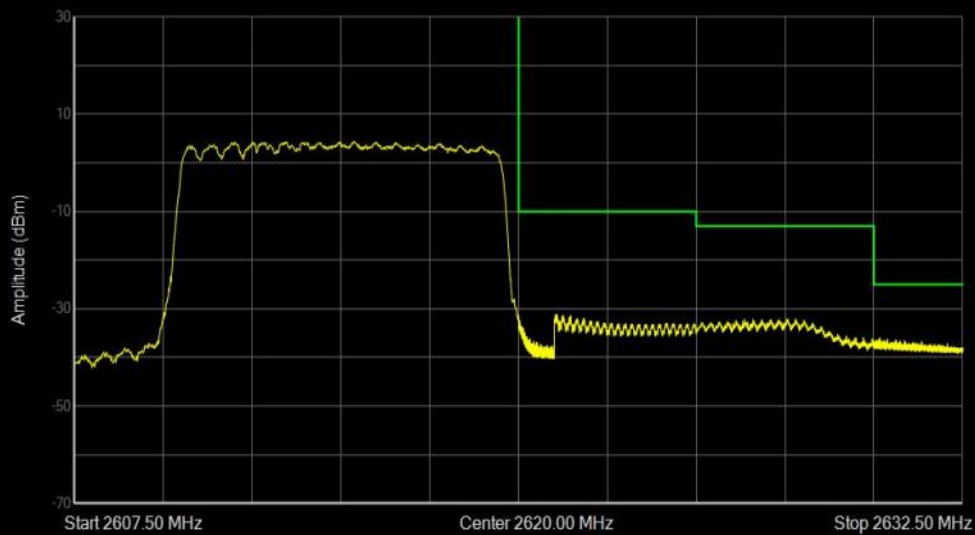
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	200	2620.151	-44.58	-10
2	2621	2625	1000	2622.636	-36.39	-10
3	2625	2630	1000	2628.625	-34.88	-13
4	2630	2632.5	1000	2630.2975	-35.5	-25

Band38 QPSK BW=10MHz Channel=38200 RB Size=1 Position=#Max



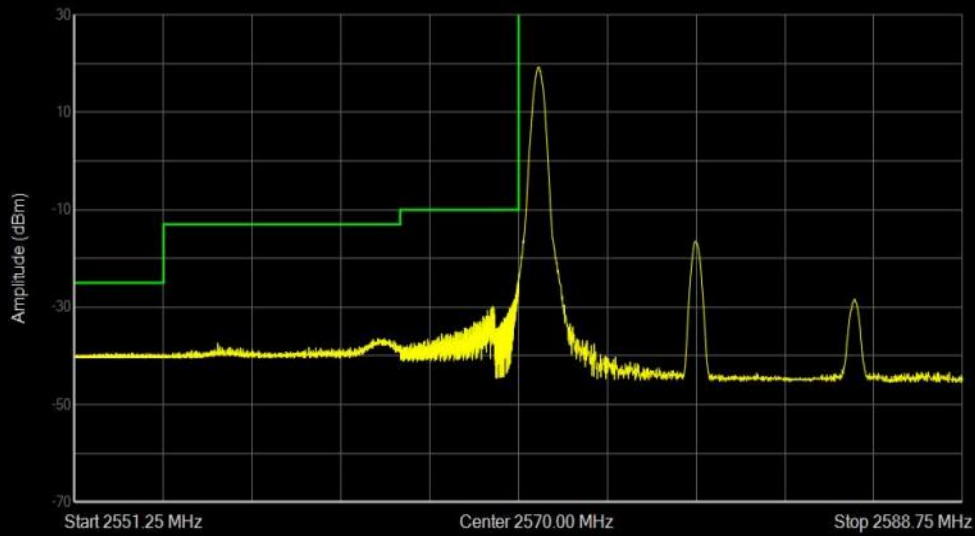
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	200	2620.012	-24.8	-10
2	2621	2625	1000	2621.176	-28.38	-10
3	2625	2630	1000	2628.23	-37.49	-13
4	2630	2632.5	1000	2631.8825	-39.04	-25

Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



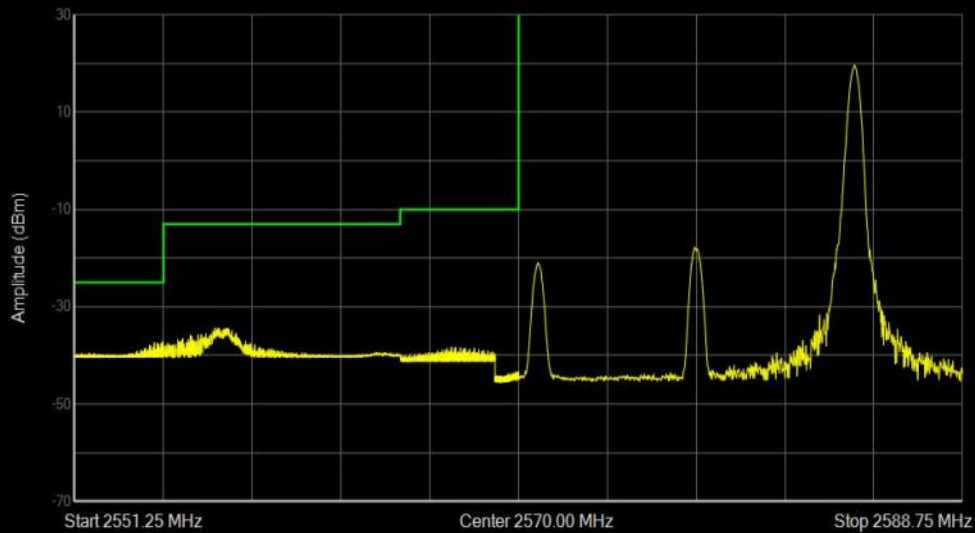
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	200	2620.02	-32.44	-10
2	2621	2625	1000	2621.064	-31.16	-10
3	2625	2630	1000	2627.79	-32.14	-13
4	2630	2632.5	1000	2630.165	-35.95	-25

Band38 QPSK BW=15MHz Channel=37825 RB Size=1 Position=#0



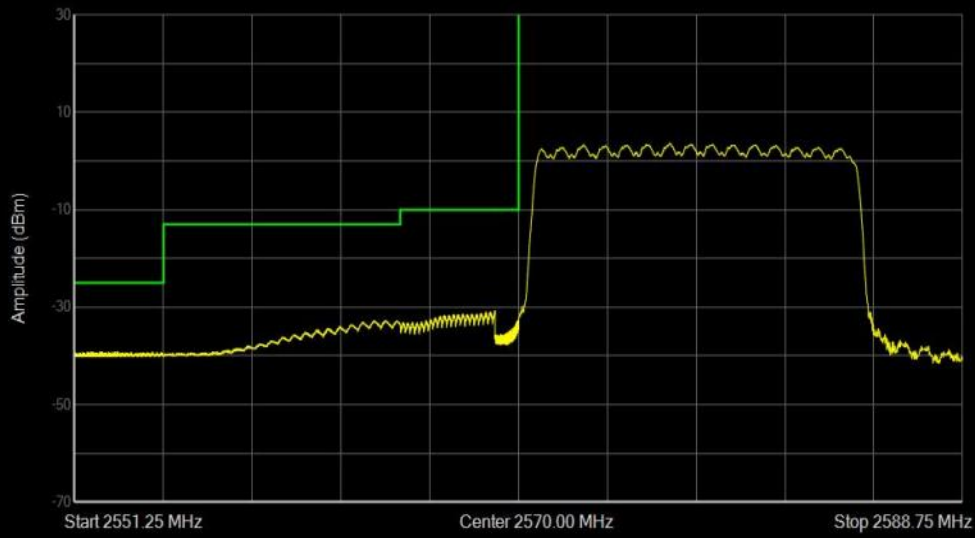
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2553.6575	-39.37	-25
2	2555	2565	1000	2564.34	-36.46	-13
3	2565	2569	1000	2568.896	-29.83	-10
4	2569	2570	300	2570	-23.27	-10

Band38 QPSK BW=15MHz Channel=37825 RB Size=1 Position=#Max



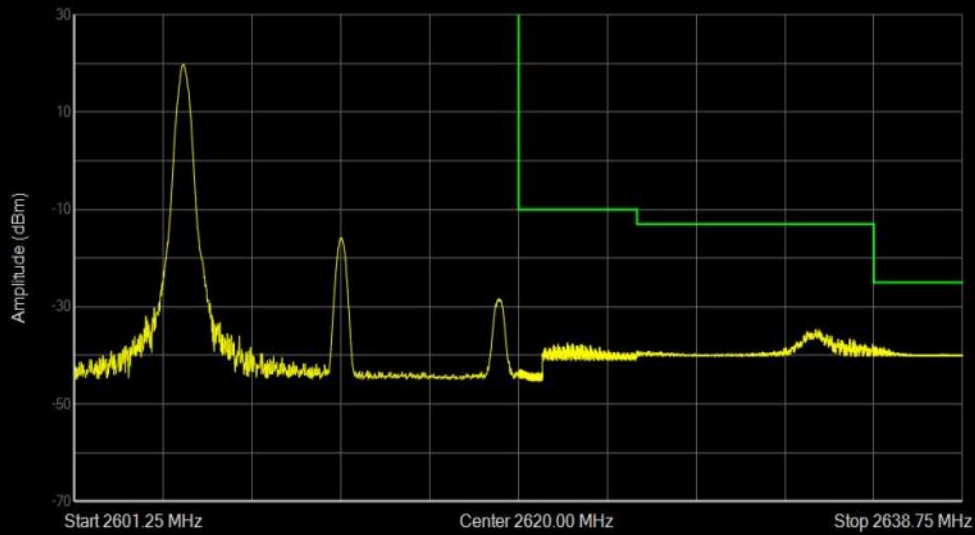
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2554.97375	-37.02	-25
2	2555	2565	1000	2557.18	-34.32	-13
3	2565	2569	1000	2567.156	-38.28	-10
4	2569	2570	300	2569.992	-43.31	-10

Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



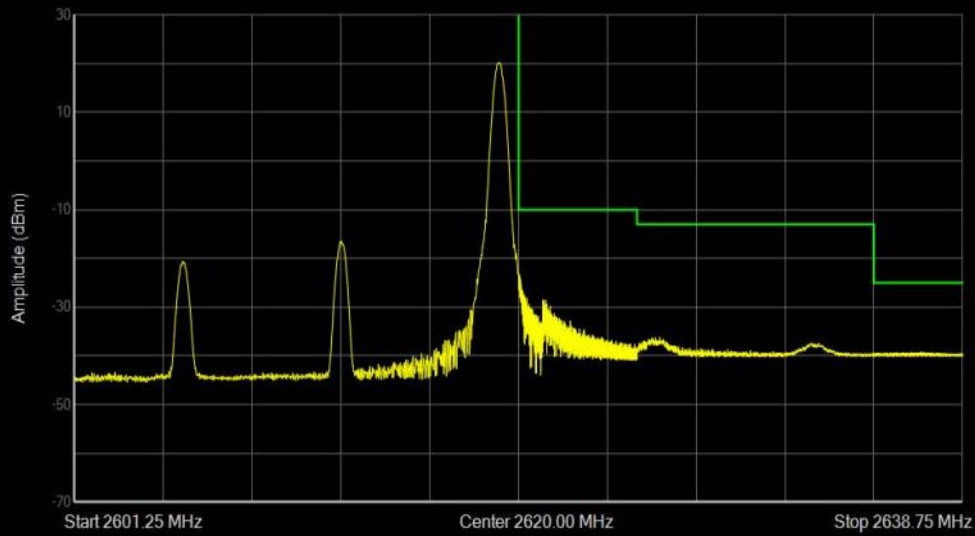
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2553.02	-39.16	-25
2	2555	2565	1000	2564.38	-32.75	-13
3	2565	2569	1000	2569	-30.7	-10
4	2569	2570	300	2569.962	-32.77	-10

Band38 QPSK BW=15MHz Channel=38175 RB Size=1 Position=#0



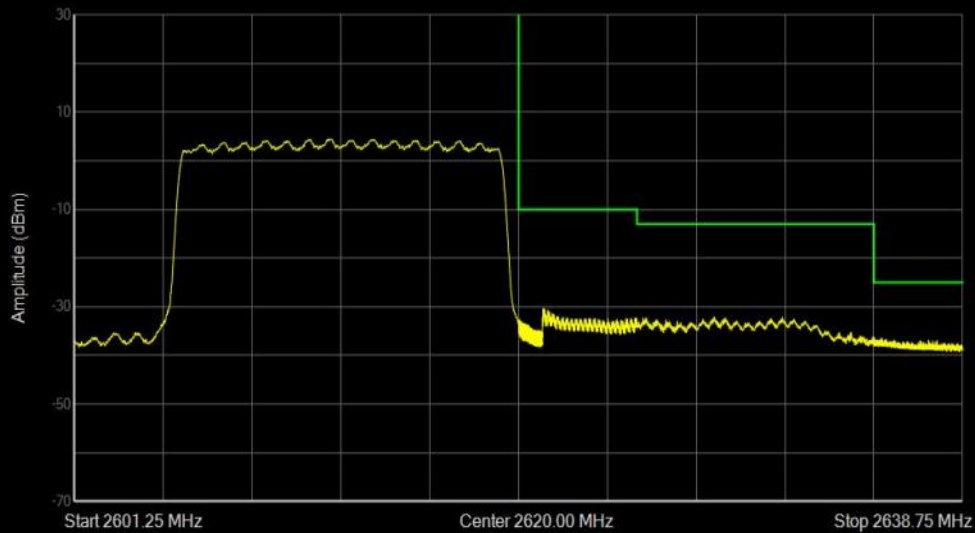
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	300	2620.104	-42.85	-10
2	2621	2625	1000	2622.064	-37.34	-10
3	2625	2635	1000	2632.53	-34.71	-13
4	2635	2638.75	1000	2635.09	-38.14	-25

Band38 QPSK BW=15MHz Channel=38175 RB Size=1 Position=#Max



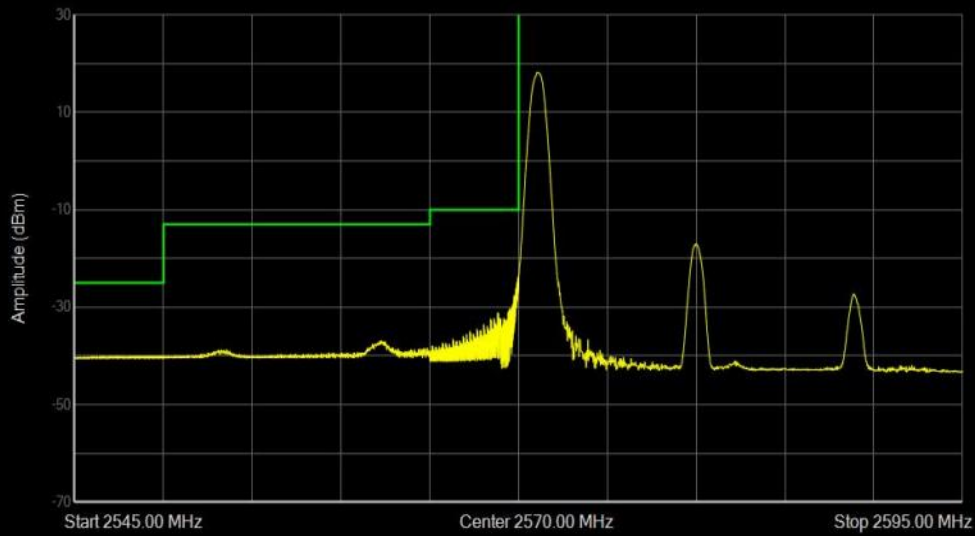
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	300	2620.005	-23.33	-10
2	2621	2625	1000	2621.032	-28.48	-10
3	2625	2635	1000	2625.96	-36.15	-13
4	2635	2638.75	1000	2637.02875	-39.22	-25

Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



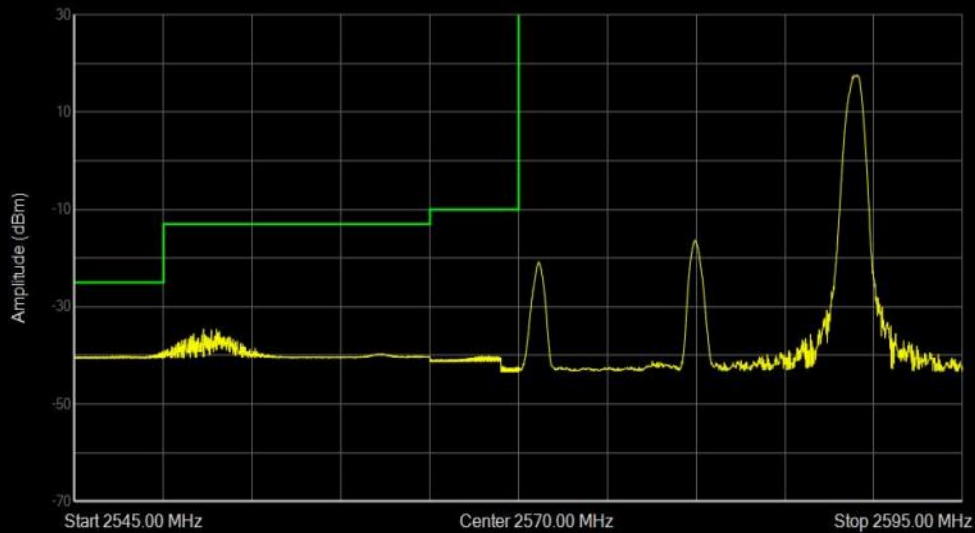
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	300	2620.045	-32.68	-10
2	2621	2625	1000	2621.036	-30.35	-10
3	2625	2635	1000	2628.25	-32.04	-13
4	2635	2638.75	1000	2635.3375	-36.46	-25

Band38 QPSK BW=20MHz Channel=37850 RB Size=1 Position=#0



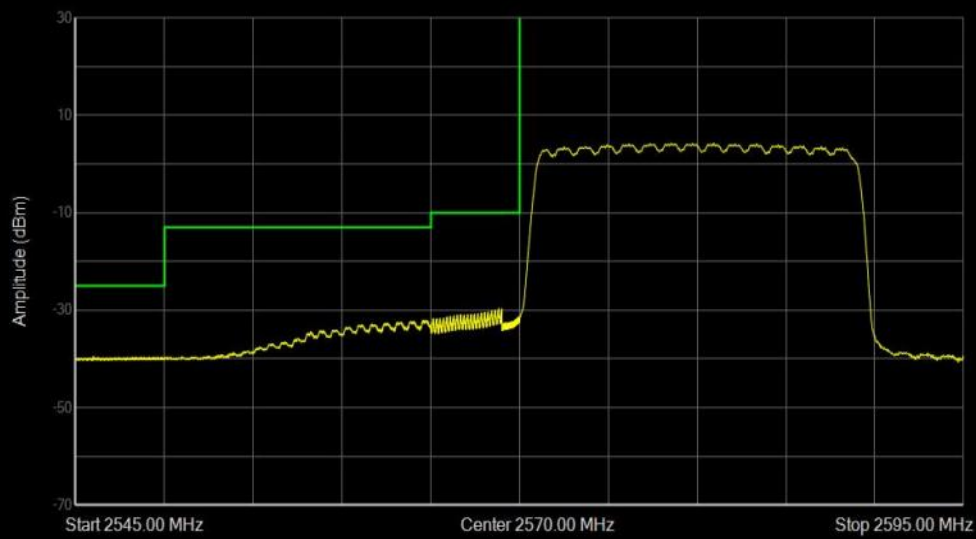
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2549.38	-40.06	-25
2	2550	2565	1000	2562.255	-36.87	-13
3	2565	2569	1000	2568.808	-31.2	-10
4	2569	2570	500	2570	-23.78	-10

Band38 QPSK BW=20MHz Channel=37850 RB Size=1 Position=#Max



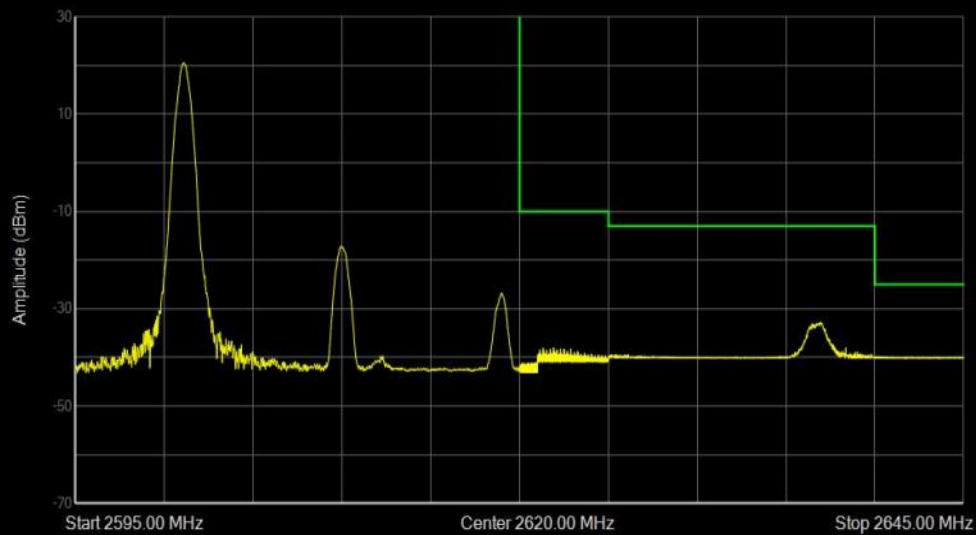
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2549.945	-39.18	-25
2	2550	2565	1000	2552.25	-34.58	-13
3	2565	2569	1000	2568.332	-40.06	-10
4	2569	2570	500	2569.09	-42.22	-10

Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



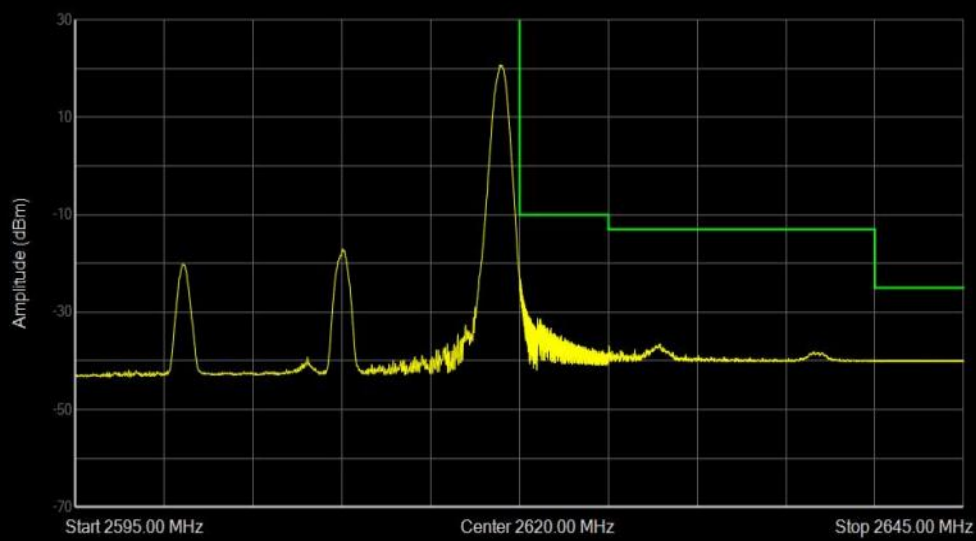
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2545.99	-39.51	-25
2	2550	2565	1000	2564.55	-32.07	-13
3	2565	2569	1000	2568.82	-29.66	-10
4	2569	2570	500	2569.956	-31.32	-10

Band38 QPSK BW=20MHz Channel=38150 RB Size=1 Position=#0



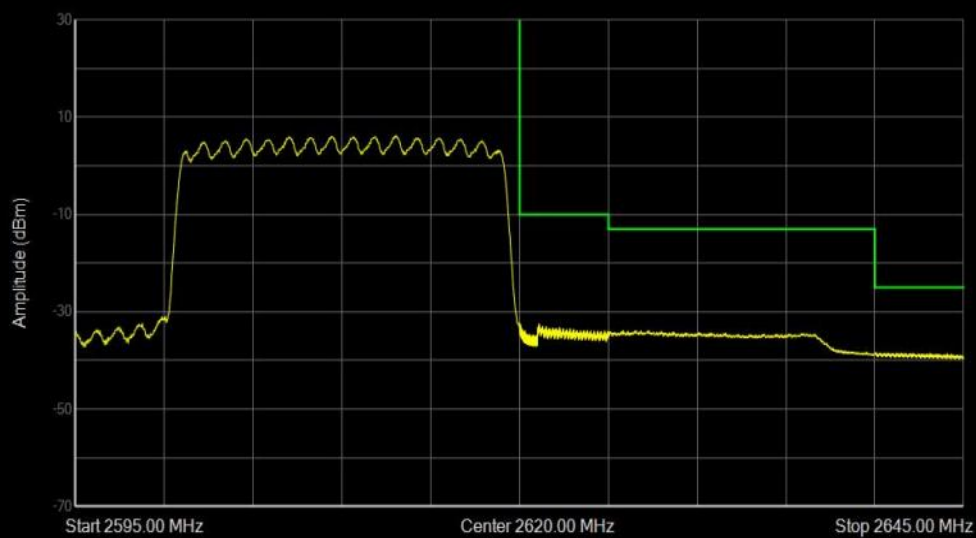
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	500	2620.88	-41	-10
2	2621	2625	1000	2621.904	-38	-10
3	2625	2640	1000	2636.94	-32.74	-13
4	2640	2645	1000	2640.065	-39.79	-25

Band38 QPSK BW=20MHz Channel=38150 RB Size=1 Position=#Max



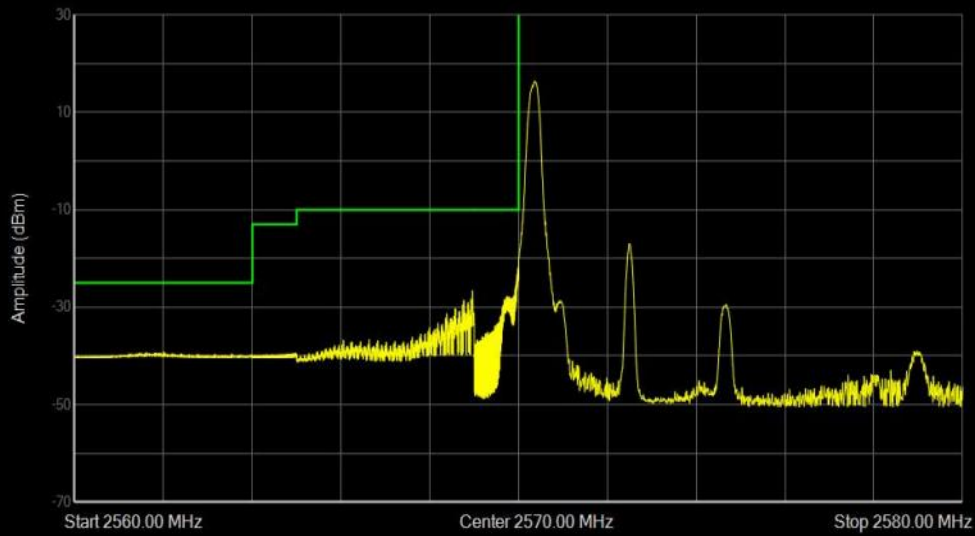
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	500	2620.007	-22.87	-10
2	2621	2625	1000	2621.184	-31.43	-10
3	2625	2640	1000	2627.91	-36.49	-13
4	2640	2645	1000	2640.78	-39.85	-25

Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



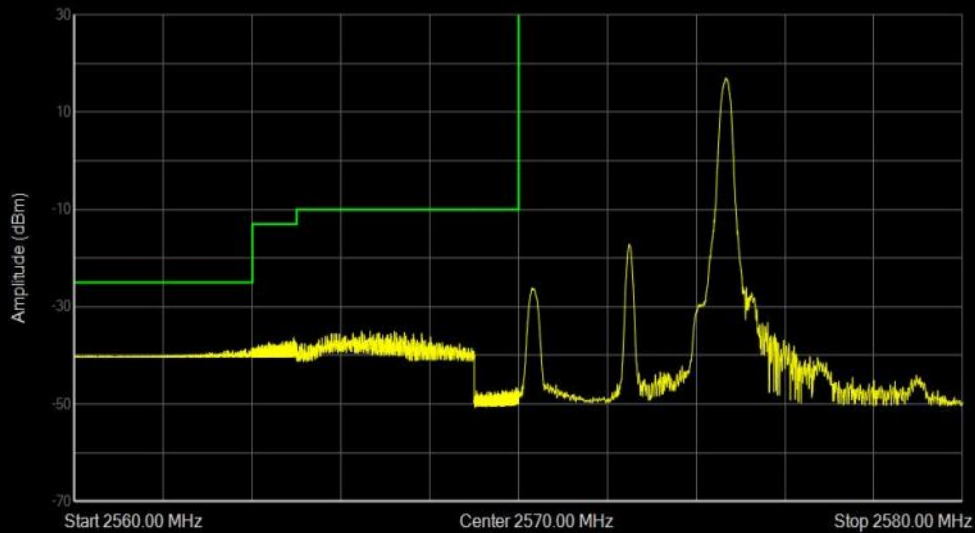
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	500	2620.018	-32.43	-10
2	2621	2625	1000	2621.088	-32.48	-10
3	2625	2640	1000	2625.84	-33.9	-13
4	2640	2645	1000	2640.06	-38.36	-25

Band38 QPSK BW=5MHz Channel=37775 RB Size=1 Position=#0



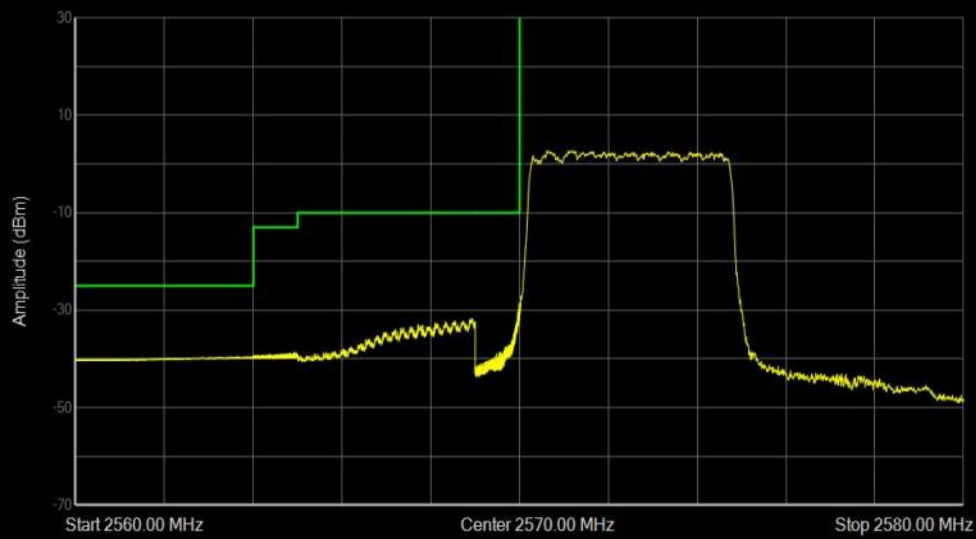
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2562	-39.18	-25
2	2564	2565	1000	2564.956	-39.44	-13
3	2565	2569	1000	2568.96	-26.65	-10
4	2569	2570	100	2570	-21.62	-10

Band38 QPSK BW=5MHz Channel=37775 RB Size=1 Position=#Max



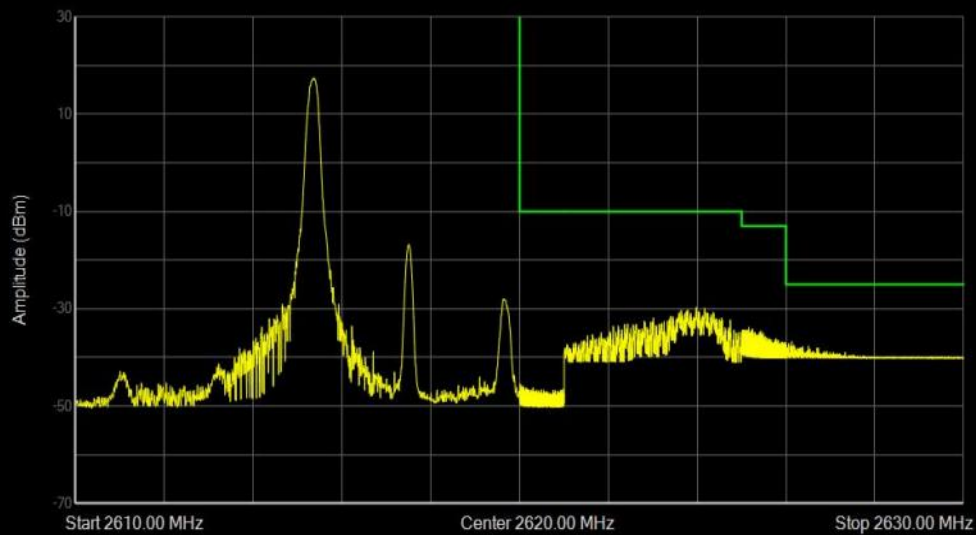
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2563.984	-38.51	-25
2	2564	2565	1000	2564.93	-36.32	-13
3	2565	2569	1000	2566.656	-35	-10
4	2569	2570	100	2569.94	-46.67	-10

Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



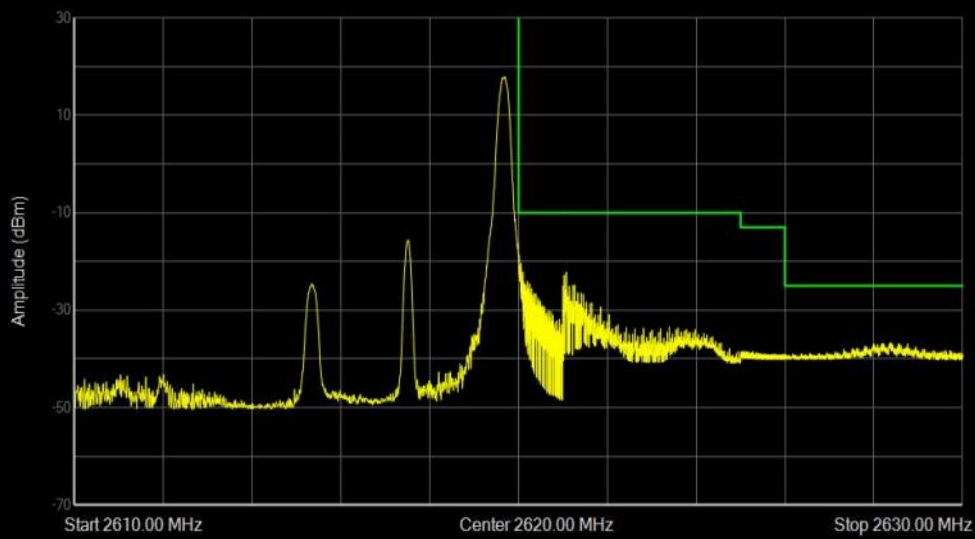
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2563.644	-39.52	-25
2	2564	2565	1000	2564.921	-38.66	-13
3	2565	2569	1000	2568.92	-31.69	-10
4	2569	2570	100	2569.99	-28.63	-10

Band38 QPSK BW=5MHz Channel=38225 RB Size=1 Position=#0



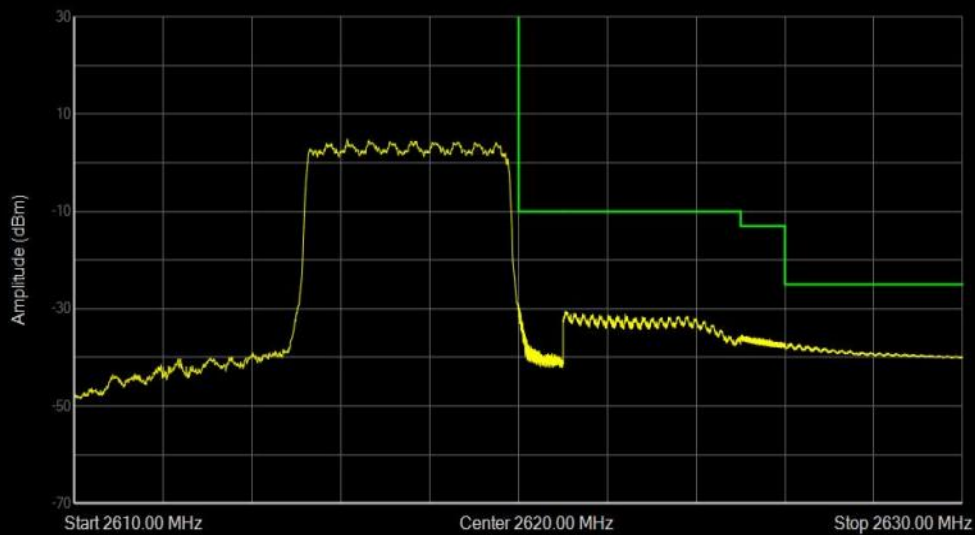
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.01	-45.44	-10
2	2621	2625	1000	2623.976	-29.7	-10
3	2625	2626	1000	2625.159	-33.8	-13
4	2626	2630	1000	2626.128	-36.74	-25

Band38 QPSK BW=5MHz Channel=38225 RB Size=1 Position=#Max



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.006	-18.64	-10
2	2621	2625	1000	2621.072	-22.2	-10
3	2625	2626	1000	2625.082	-38.38	-13
4	2626	2630	1000	2628.38	-36.62	-25

Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0

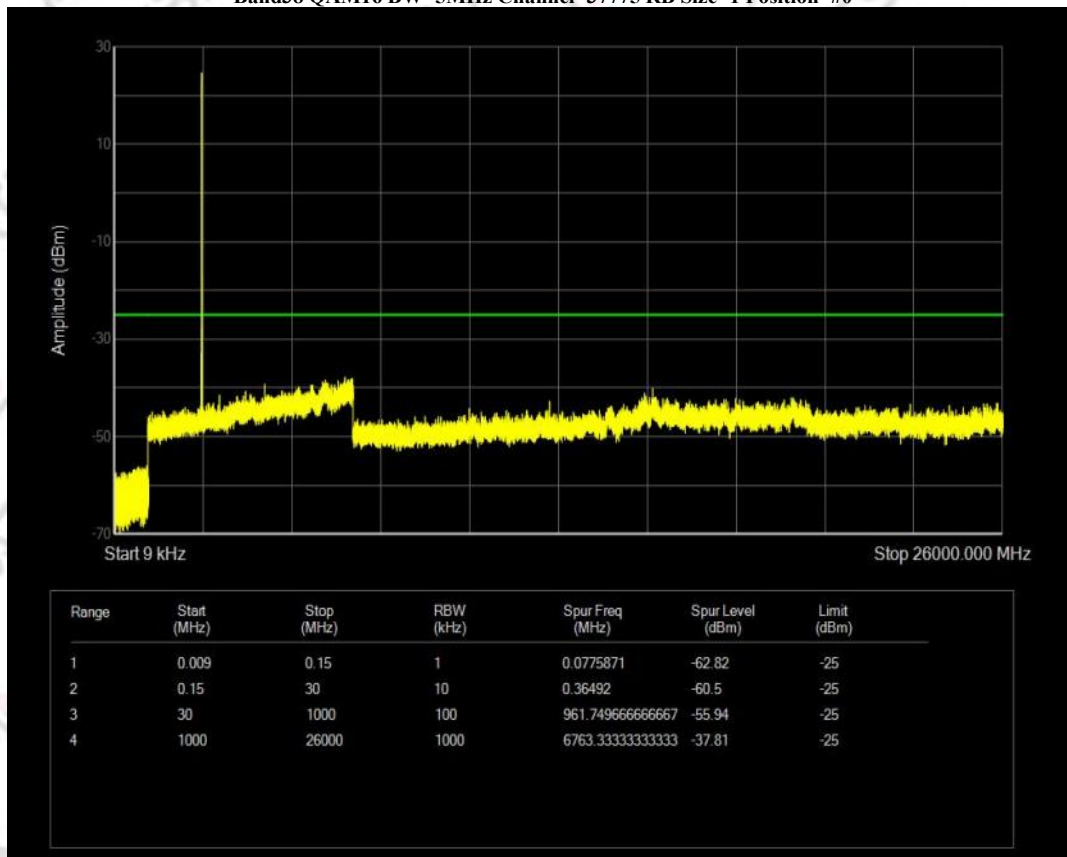


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.004	-29.71	-10
2	2621	2625	1000	2621.064	-30.56	-10
3	2625	2626	1000	2625.039	-35.4	-13
4	2626	2630	1000	2626.12	-37.13	-25

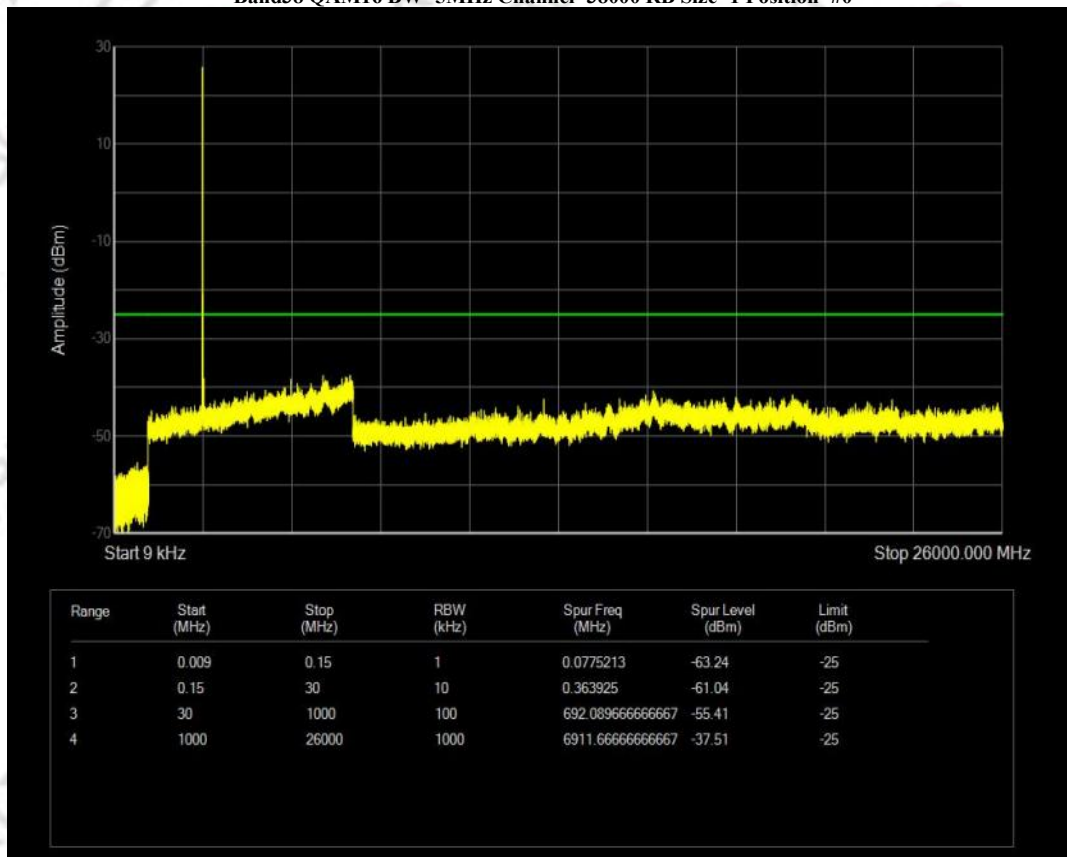
06 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	1	#0	QAM16	6763.33	-37.81	-25	PASS
Band38	5	38000	1	#0	QAM16	6911.67	-37.51	-25	PASS
Band38	5	38225	1	#0	QAM16	5230.83	-36.06	-25	PASS
Band38	10	37800	1	#0	QPSK	2507.50	-35.10	-25	PASS
Band38	10	38000	1	#0	QPSK	5180.83	-36.08	-25	PASS
Band38	10	38200	1	#0	QPSK	6871.67	-38.15	-25	PASS
Band38	15	37825	1	#0	QPSK	6958.33	-36.82	-25	PASS
Band38	15	38000	1	#0	QPSK	2499.17	-33.67	-25	PASS
Band38	15	38175	1	#0	QPSK	6131.67	-37.29	-25	PASS
Band38	20	37850	1	#0	QPSK	5141.67	-35.27	-25	PASS
Band38	20	38000	1	#0	QPSK	5171.67	-36.21	-25	PASS
Band38	20	38150	1	#0	QPSK	2700.83	-36.18	-25	PASS
Band38	5	37775	1	#0	QPSK	6858.33	-37.05	-25	PASS
Band38	5	38000	1	#0	QPSK	5185.83	-35.85	-25	PASS
Band38	5	38225	1	#0	QPSK	2643.33	-33.66	-25	PASS

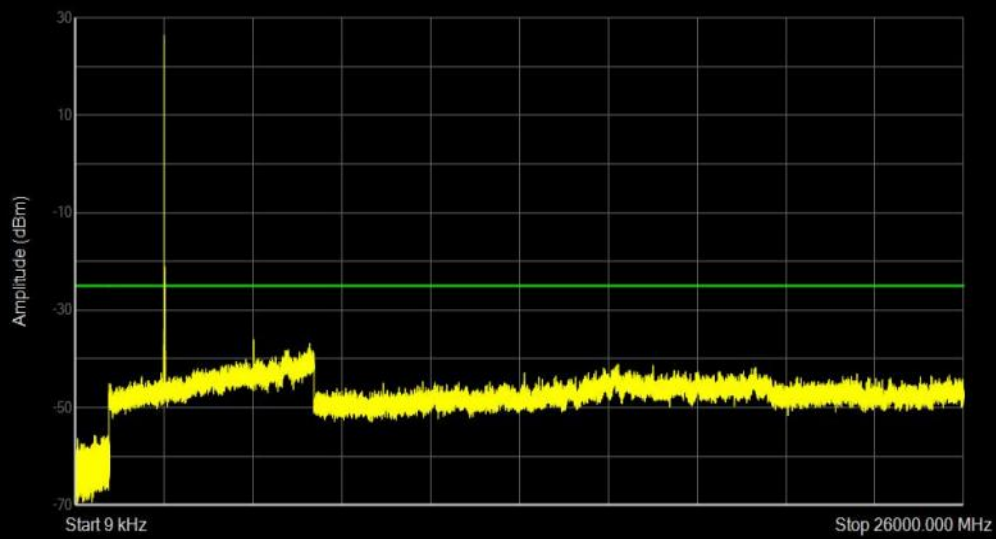
Band38 QAM16 BW=5MHz Channel=37775 RB Size=1 Position=#0



Band38 QAM16 BW=5MHz Channel=38000 RB Size=1 Position=#0

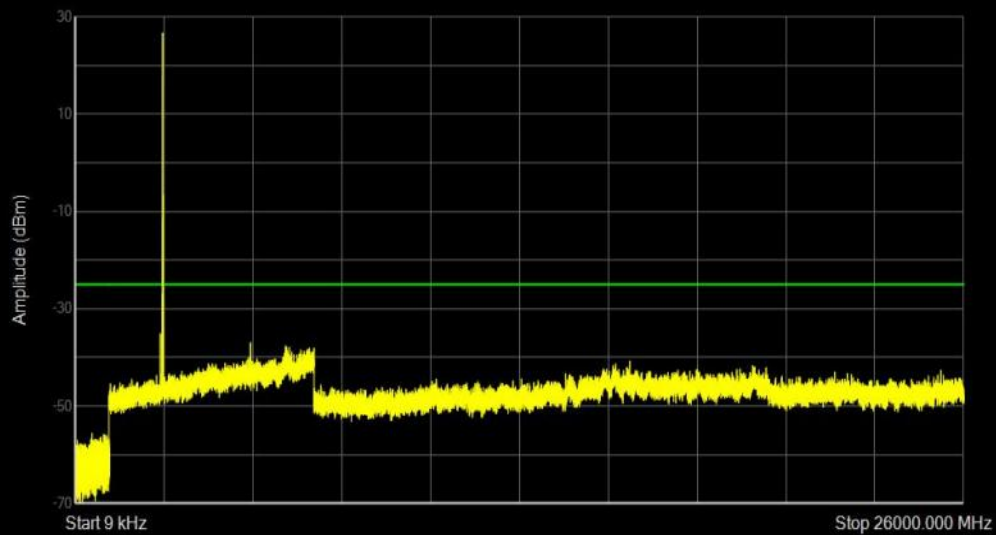


Band38 QAM16 BW=5MHz Channel=38225 RB Size=1 Position=#0



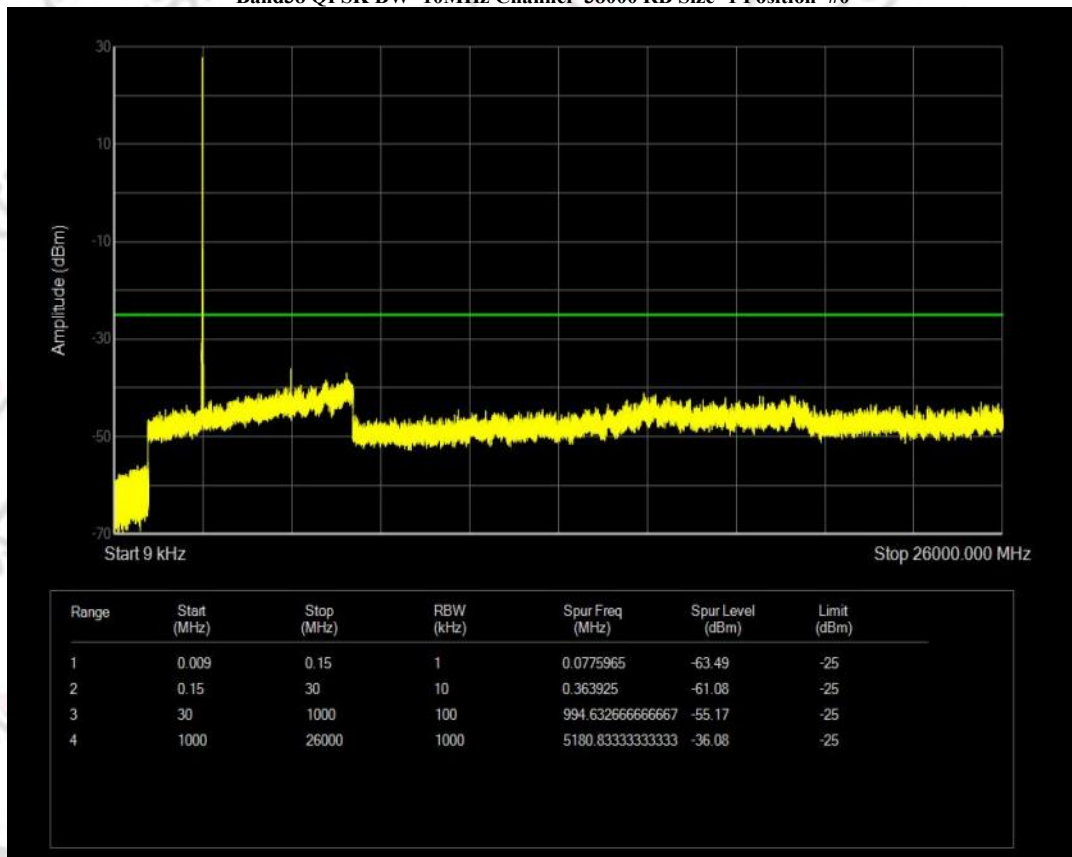
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0779537	-62.34	-25
2	0.15	30	10	0.403725	-61.13	-25
3	30	1000	100	575.916	-55.69	-25
4	1000	26000	1000	5230.8333333333	-36.06	-25

Band38 QPSK BW=10MHz Channel=37800 RB Size=1 Position=#0

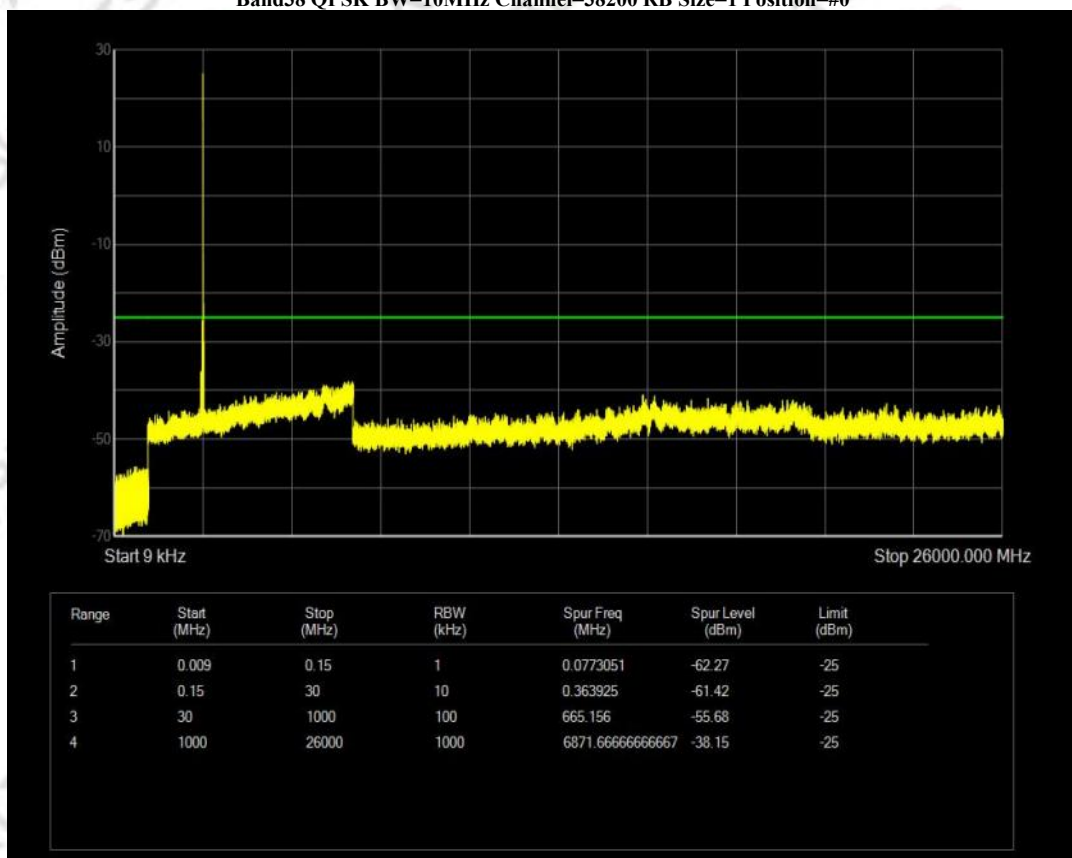


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0773051	-62.69	-25
2	0.15	30	10	0.36492	-61.96	-25
3	30	1000	100	505.203	-55.59	-25
4	1000	26000	1000	2507.5	-35.1	-25

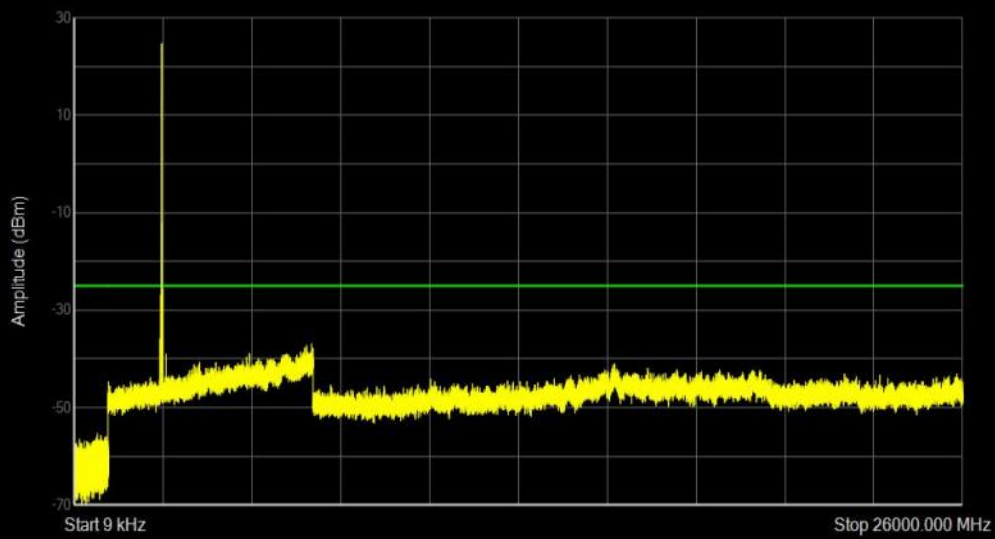
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



Band38 QPSK BW=10MHz Channel=38200 RB Size=1 Position=#0

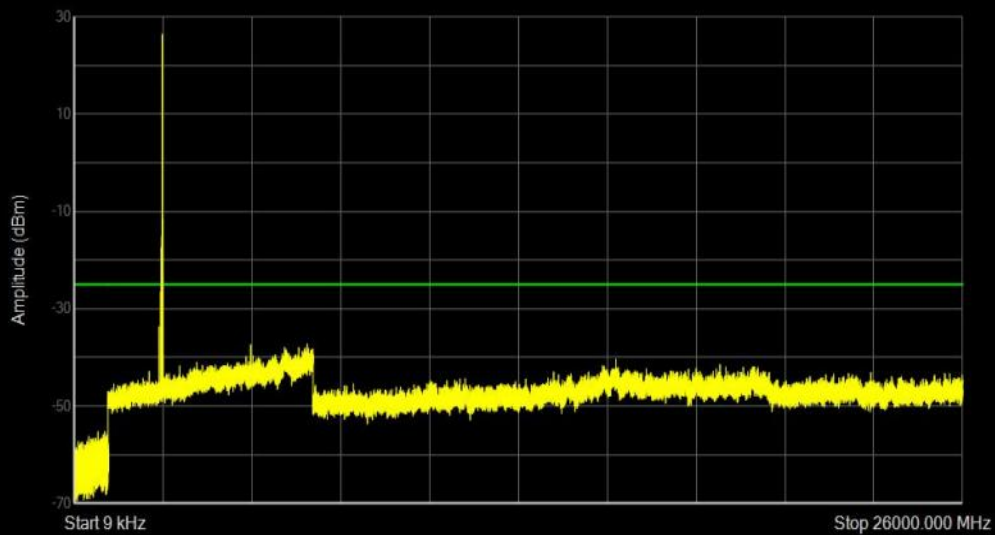


Band38 QPSK BW=15MHz Channel=37825 RB Size=1 Position=#0



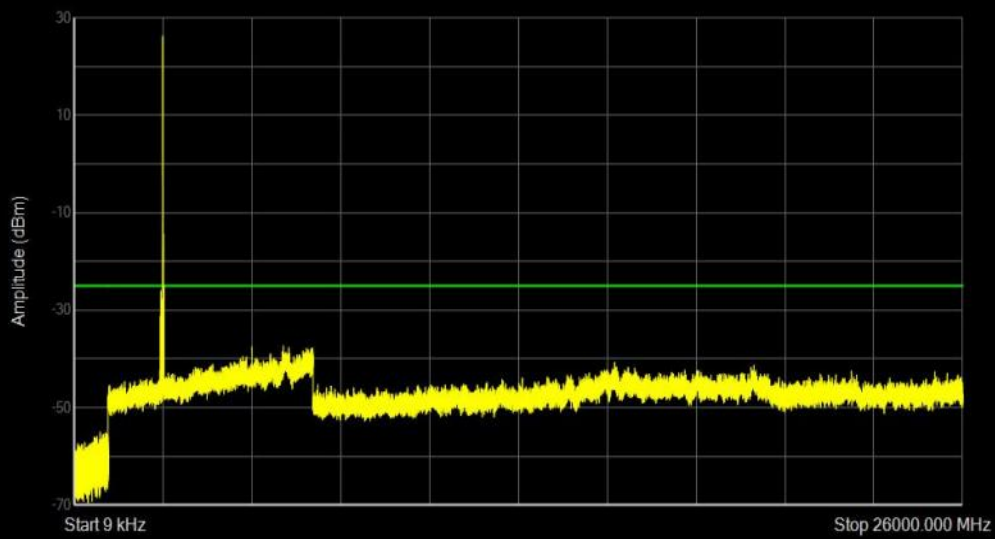
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0779443	-63	-25
2	0.15	30	10	0.363925	-62.57	-25
3	30	1000	100	690.505333333333	-55.35	-25
4	1000	26000	1000	6958.33333333333	-36.82	-25

Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



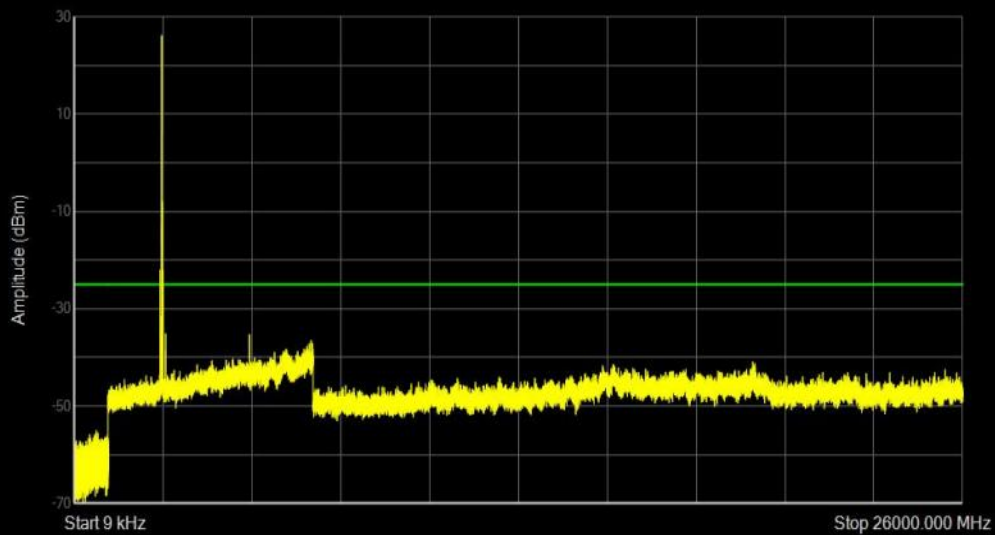
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0772863	-62.97	-25
2	0.15	30	10	0.363925	-62.92	-25
3	30	1000	100	906.718333333333	-55.23	-25
4	1000	26000	1000	2499.16666666667	-33.67	-25

Band38 QPSK BW=15MHz Channel=38175 RB Size=1 Position=#0



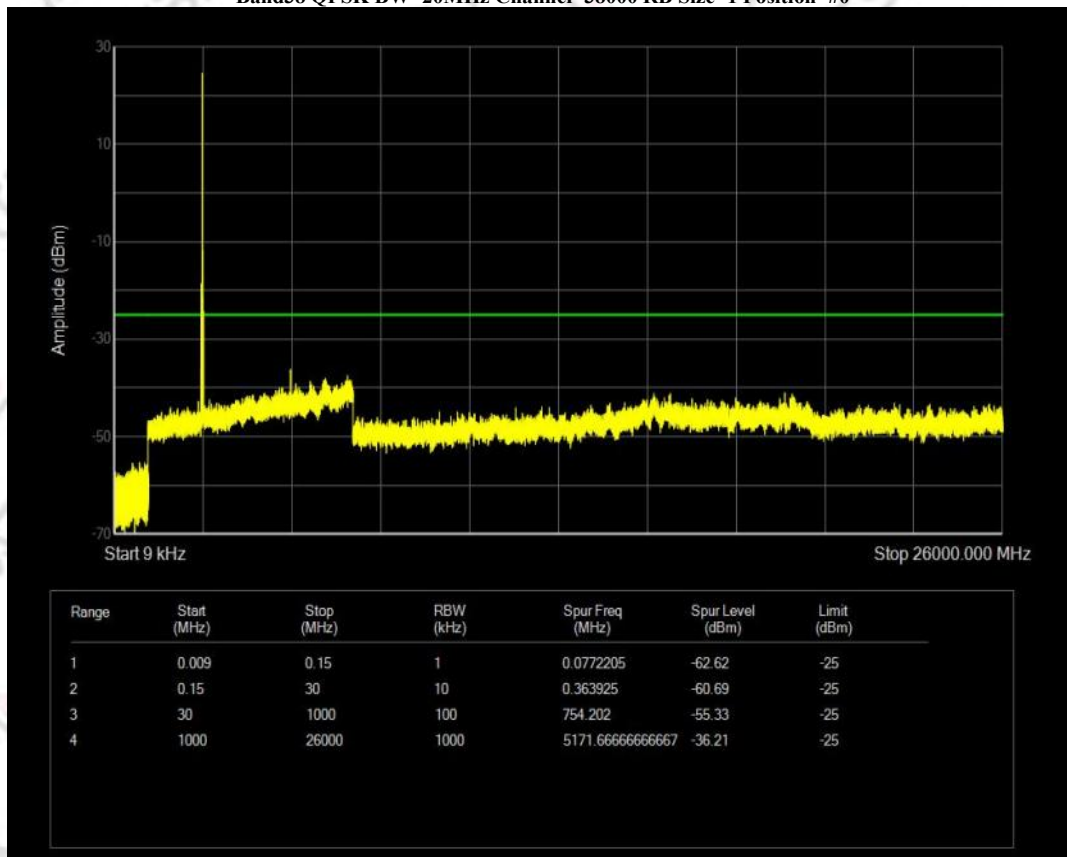
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0777281	-62.39	-25
2	0.15	30	10	0.36492	-61.64	-25
3	30	1000	100	774.022333333333	-54.98	-25
4	1000	26000	1000	6131.66666666667	-37.29	-25

Band38 QPSK BW=20MHz Channel=37850 RB Size=1 Position=#0

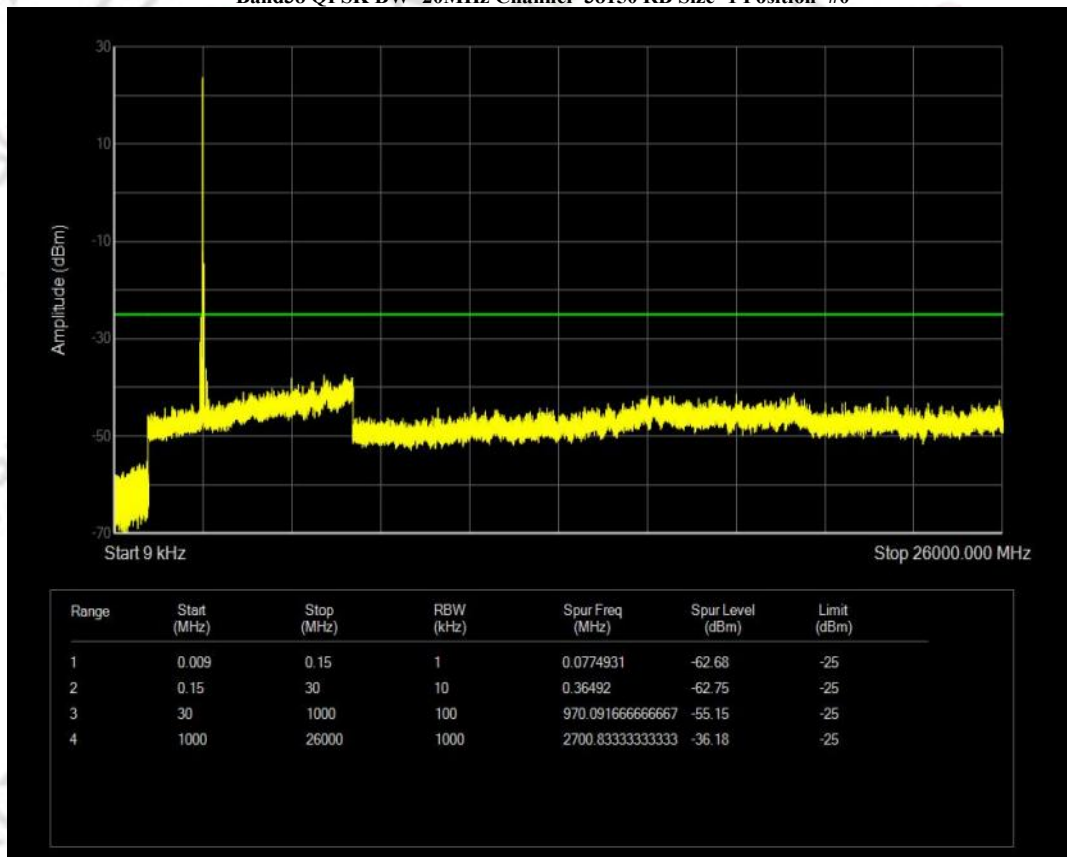


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0773615	-62.32	-25
2	0.15	30	10	0.401735	-62.01	-25
3	30	1000	100	664.089	-55.07	-25
4	1000	26000	1000	5141.66666666667	-35.27	-25

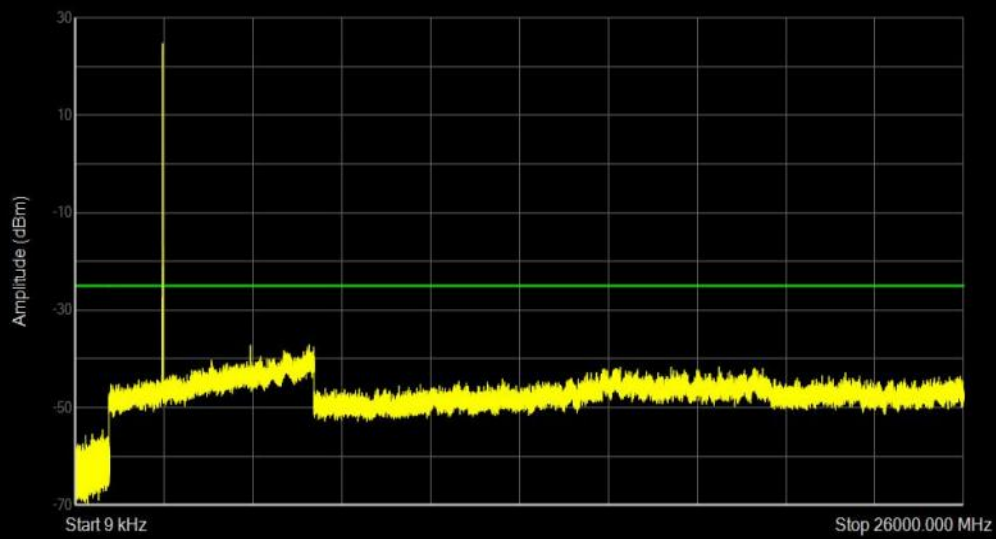
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



Band38 QPSK BW=20MHz Channel=38150 RB Size=1 Position=#0

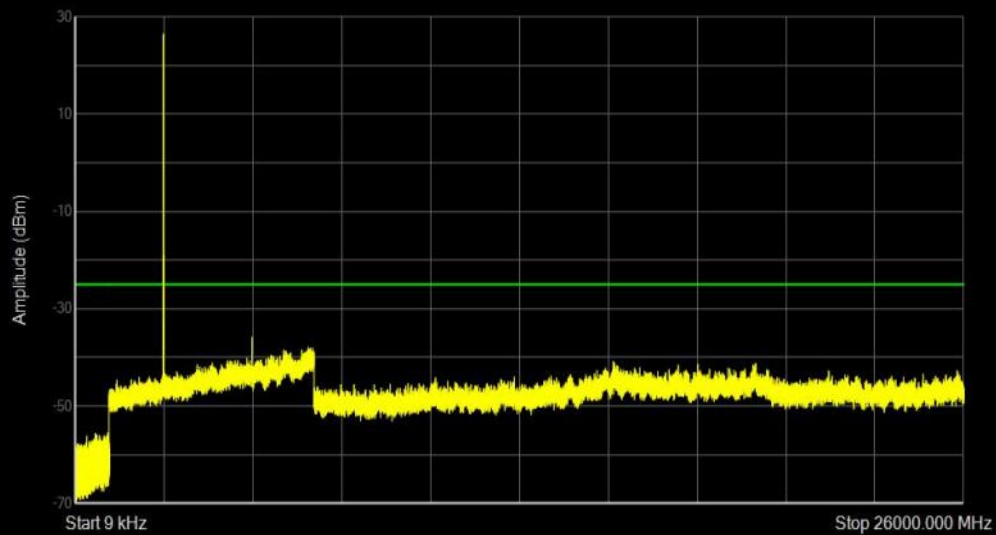


Band38 QPSK BW=5MHz Channel=37775 RB Size=1 Position=#0



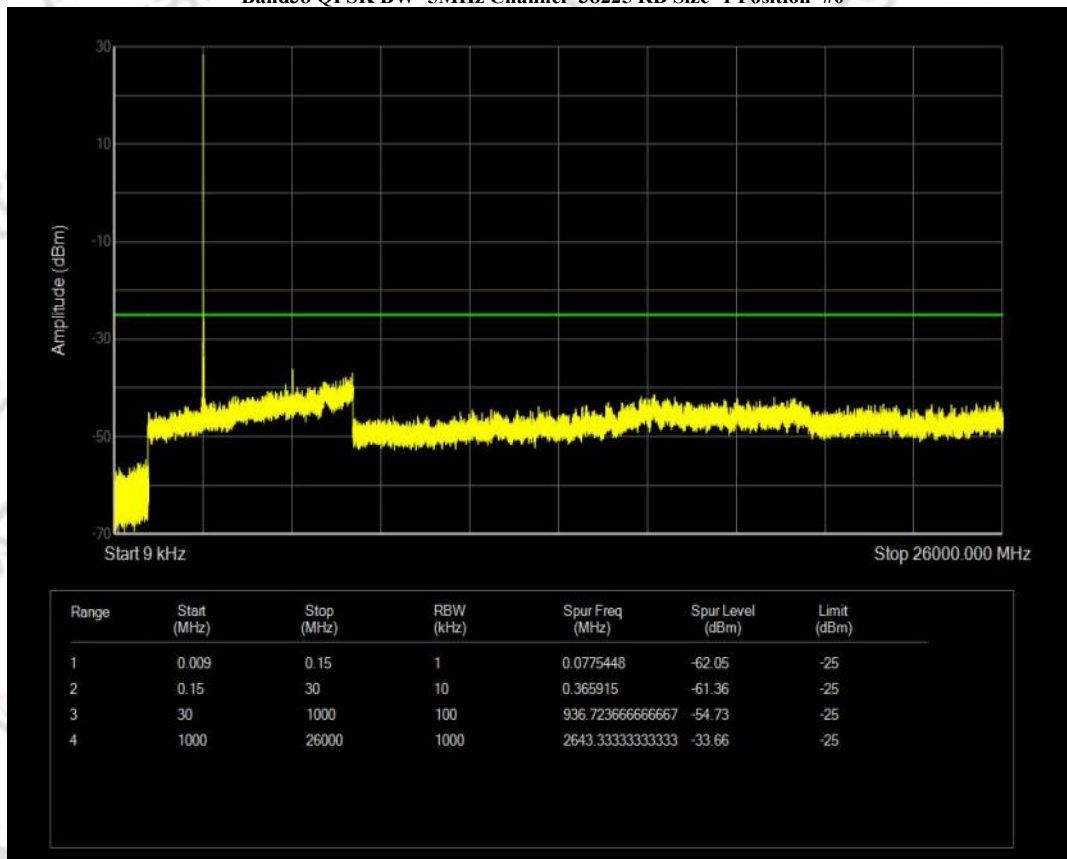
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0772252	-63.52	-25
2	0.15	30	10	0.363925	-62.31	-25
3	30	1000	100	817.090333333333	-54.57	-25
4	1000	26000	1000	6858.33333333333	-37.05	-25

Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0776811	-63.76	-25
2	0.15	30	10	0.40472	-59.16	-25
3	30	1000	100	970.544333333333	-55.44	-25
4	1000	26000	1000	5185.83333333333	-35.85	-25

Band38 QPSK BW=5MHz Channel=38225 RB Size=1 Position=#0



LTE Band 41

01 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band41	5	39675	1	#0	QAM16	19.58	4	21.43	37	23.58	37	PASS
Band41	5	40620	1	#0	QAM16	20.06	4	21.91	37	24.06	37	PASS
Band41	5	41565	1	#0	QAM16	19.64	4	21.49	37	23.64	37	PASS
Band41	5	39675	1	#0	QPSK	20.93	4	22.78	37	24.93	37	PASS
Band41	5	40620	1	#0	QPSK	21.09	4	22.94	37	25.09	37	PASS
Band41	5	41565	1	#0	QPSK	21.02	4	22.87	37	25.02	37	PASS
Band41	10	39700	1	#0	QPSK	21.18	4	23.03	37	25.18	37	PASS
Band41	10	40620	1	#0	QPSK	21.57	4	23.42	37	25.57	37	PASS
Band41	10	41540	1	#0	QPSK	21.33	4	23.18	37	25.33	37	PASS
Band41	15	39725	1	#0	QPSK	21.02	4	22.87	37	25.02	37	PASS
Band41	15	40620	1	#0	QPSK	21.58	4	23.43	37	25.58	37	PASS
Band41	15	41515	1	#0	QPSK	21.49	4	23.34	37	25.49	37	PASS
Band41	20	39750	1	#0	QPSK	20.74	4	22.59	37	24.74	37	PASS
Band41	20	40620	1	#0	QPSK	21.50	4	23.35	37	25.50	37	PASS
Band41	20	41490	1	#0	QPSK	21.63	4	23.48	37	25.63	37	PASS

02 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band41	5	39675	25	#0	QAM16	2.00	0.001	-2.5	2.5	PASS
Band41	5	40620	25	#0	QAM16	0.85	0.000	-2.5	2.5	PASS
Band41	5	41565	25	#0	QAM16	1.70	0.001	-2.5	2.5	PASS
Band41	5	39675	25	#0	QPSK	0.72	0.000	-2.5	2.5	PASS
Band41	5	40620	25	#0	QPSK	-0.73	0.000	-2.5	2.5	PASS
Band41	5	41565	25	#0	QPSK	-0.51	0.000	-2.5	2.5	PASS
Band41	10	39700	50	#0	QPSK	1.52	0.001	-2.5	2.5	PASS
Band41	10	40620	50	#0	QPSK	-1.53	-0.001	-2.5	2.5	PASS
Band41	10	41540	50	#0	QPSK	-3.40	-0.001	-2.5	2.5	PASS
Band41	15	39725	75	#0	QPSK	-4.33	-0.002	-2.5	2.5	PASS
Band41	15	40620	75	#0	QPSK	-0.49	0.000	-2.5	2.5	PASS
Band41	15	41515	75	#0	QPSK	1.86	0.001	-2.5	2.5	PASS
Band41	20	39750	100	#0	QPSK	1.28	0.001	-2.5	2.5	PASS
Band41	20	40620	100	#0	QPSK	-1.21	0.000	-2.5	2.5	PASS
Band41	20	41490	100	#0	QPSK	0.97	0.000	-2.5	2.5	PASS

03 Peak-to-Average Ratio

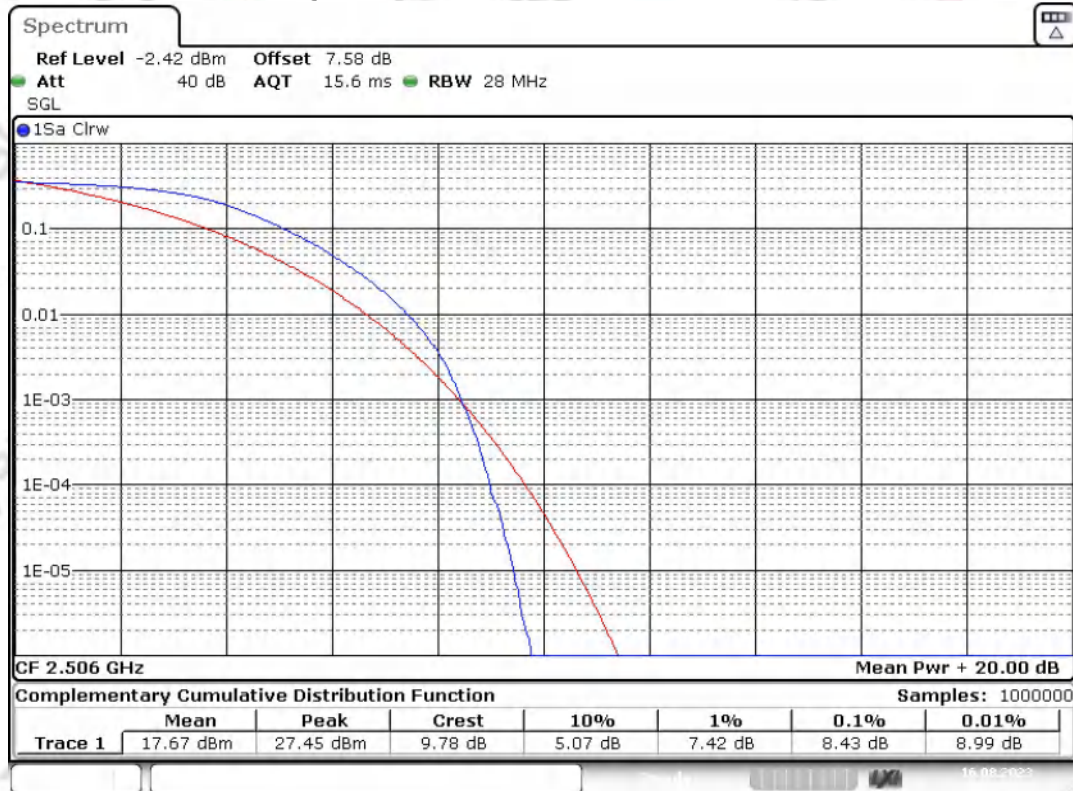
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band41	20	39750	1	#0	QPSK	8.32	13	PASS
Band41	20	39750	100	#0	QPSK	8.43	13	PASS
Band41	20	40620	1	#0	QPSK	8.75	13	PASS
Band41	20	40620	100	#0	QPSK	9.04	13	PASS
Band41	20	41490	1	#0	QPSK	8.99	13	PASS
Band41	20	41490	100	#0	QPSK	9.04	13	PASS

Band41 QPSK BW=20MHz Channel=39750 RB Size=1 Position=#0



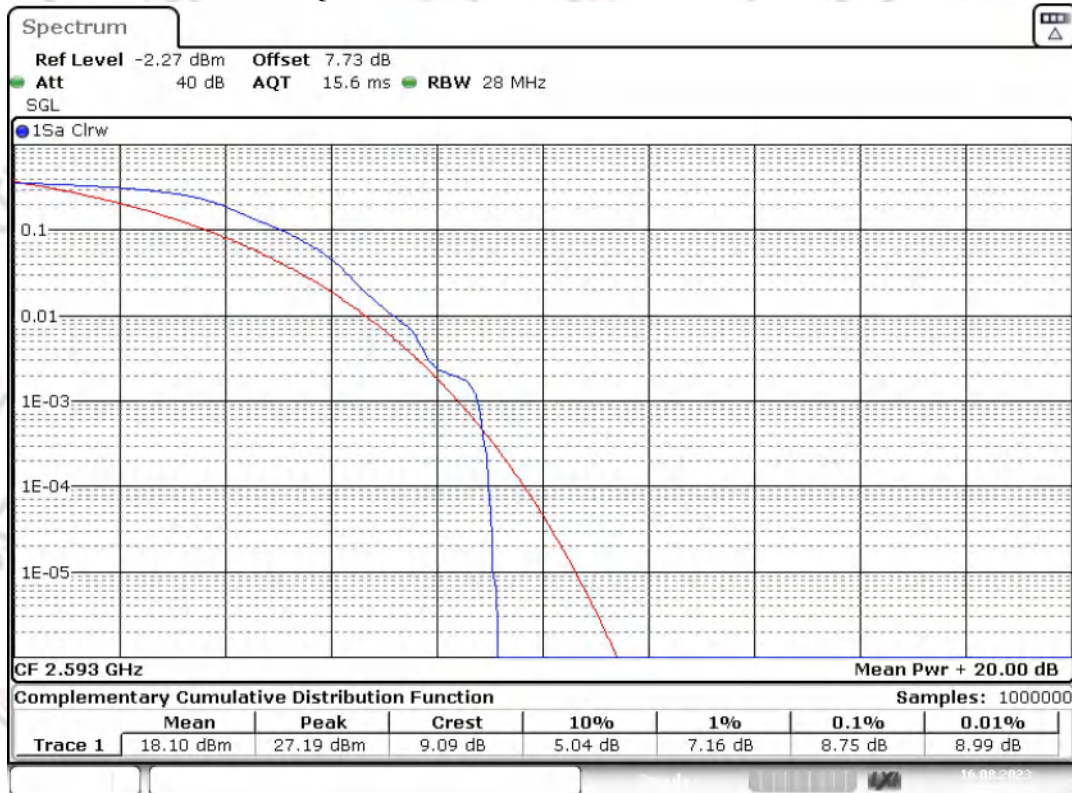
Date: 16.AUG.2023 21:25:35

Band41 QPSK BW=20MHz Channel=39750 RB Size=100 Position=#0



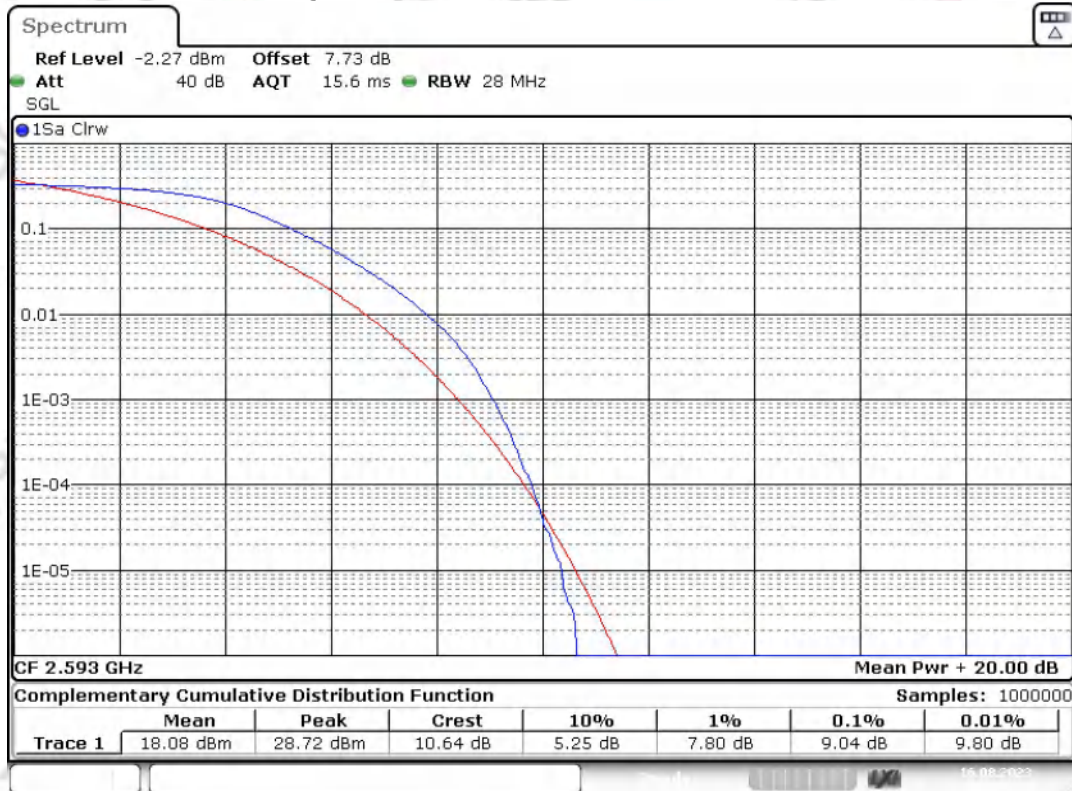
Date: 16.AUG.2023 21:25:39

Band41 QPSK BW=20MHz Channel=40620 RB Size=1 Position=#0



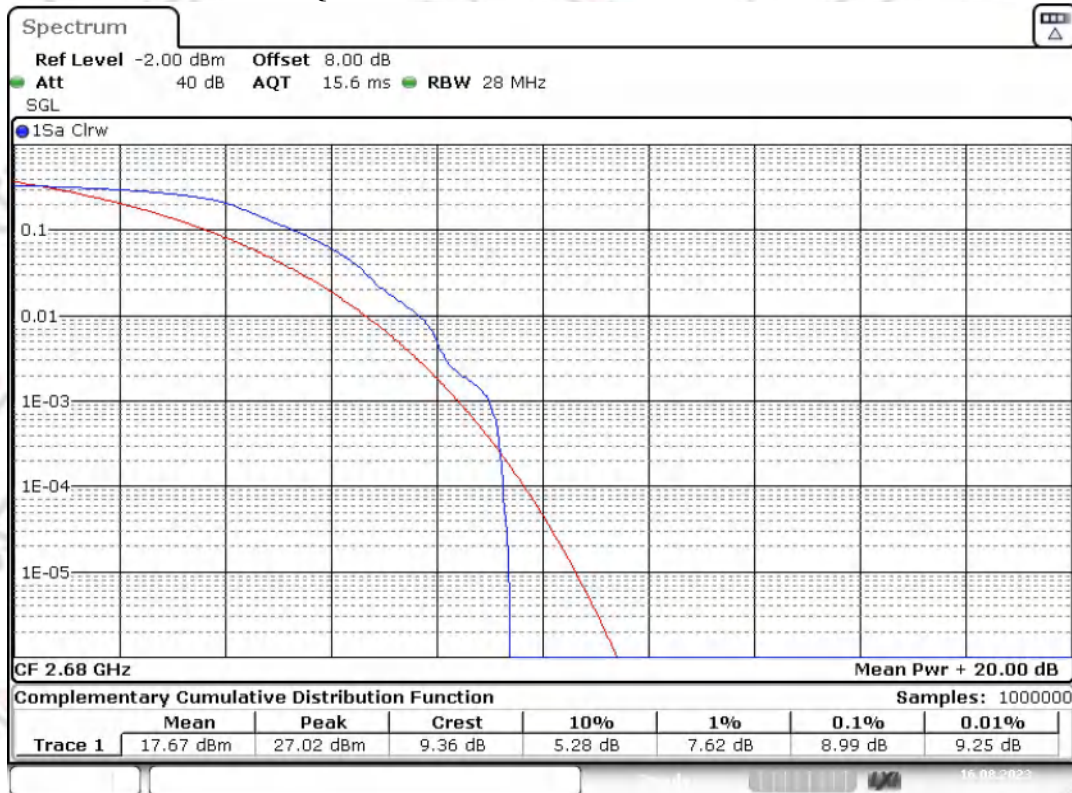
Date: 16.AUG.2023 21:25:44

Band41 QPSK BW=20MHz Channel=40620 RB Size=100 Position=#0



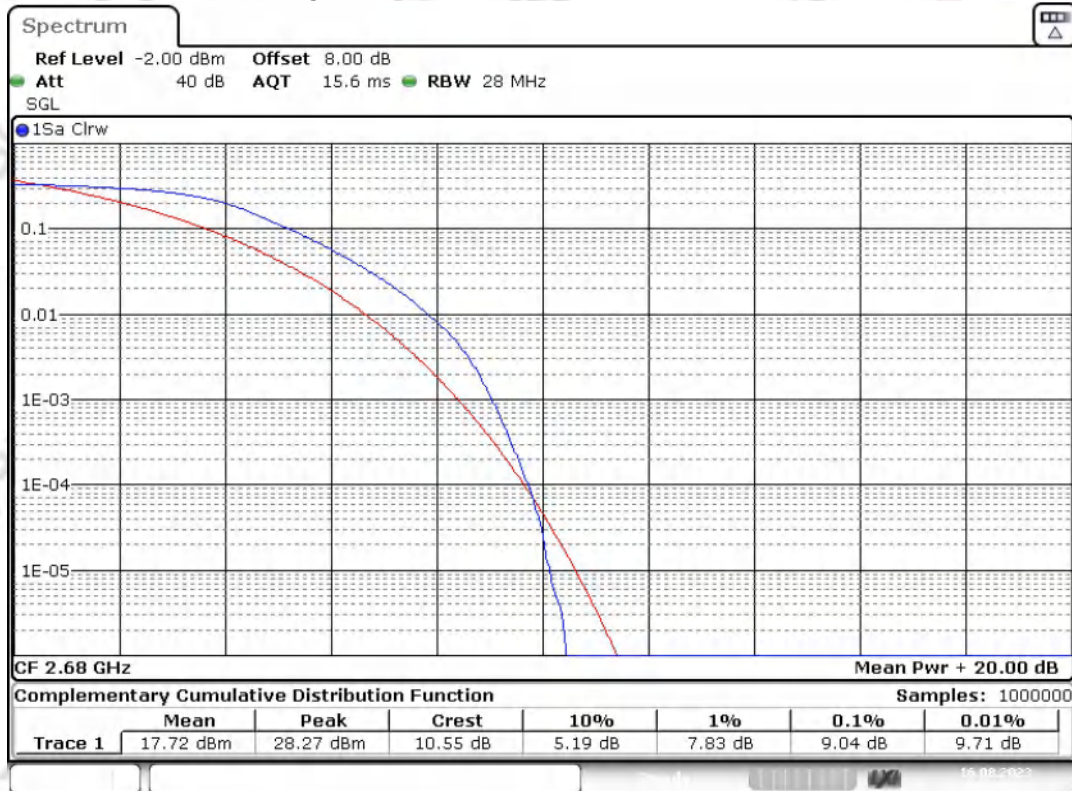
Date: 16.AUG.2023 21:25:47

Band41 QPSK BW=20MHz Channel=41490 RB Size=1 Position=#0



Date: 16.AUG.2023 21:25:52

Band41 QPSK BW=20MHz Channel=41490 RB Size=100 Position=#0

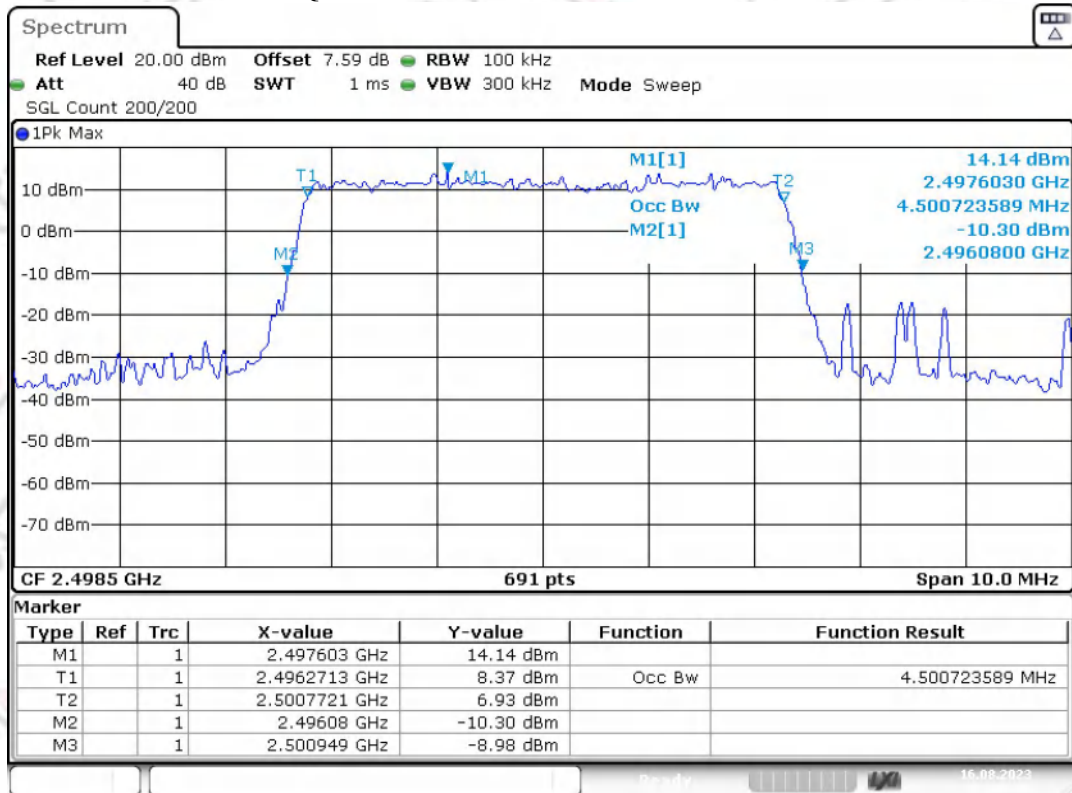


Date: 16.AUG.2023 21:25:56

04 Occupied bandwidth

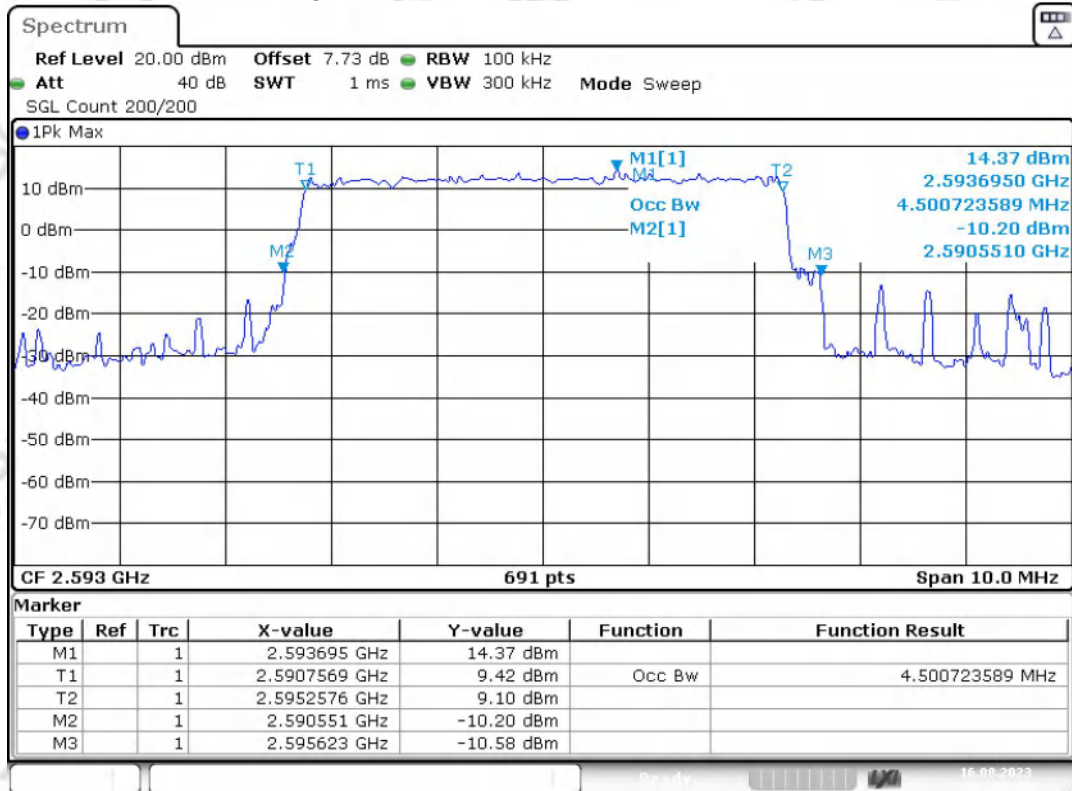
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band41	5	39675	25	#0	QAM16	4.501	4.870	PASS
Band41	5	40620	25	#0	QAM16	4.501	5.072	PASS
Band41	5	41565	25	#0	QAM16	4.501	4.870	PASS
Band41	10	39700	50	#0	QPSK	8.973	9.710	PASS
Band41	10	40620	50	#0	QPSK	8.973	10.203	PASS
Band41	10	41540	50	#0	QPSK	8.915	9.536	PASS
Band41	15	39725	75	#0	QPSK	13.459	16.522	PASS
Band41	15	40620	75	#0	QPSK	13.415	14.348	PASS
Band41	15	41515	75	#0	QPSK	13.372	15.870	PASS
Band41	20	39750	100	#0	QPSK	17.887	19.188	PASS
Band41	20	40620	100	#0	QPSK	17.945	19.362	PASS
Band41	20	41490	100	#0	QPSK	17.945	19.536	PASS
Band41	5	39675	25	#0	QPSK	4.486	4.928	PASS
Band41	5	40620	25	#0	QPSK	4.501	4.841	PASS
Band41	5	41565	25	#0	QPSK	4.515	4.899	PASS

Band41 QAM16 BW=5MHz Channel=39675 RB Size=25 Position=#0



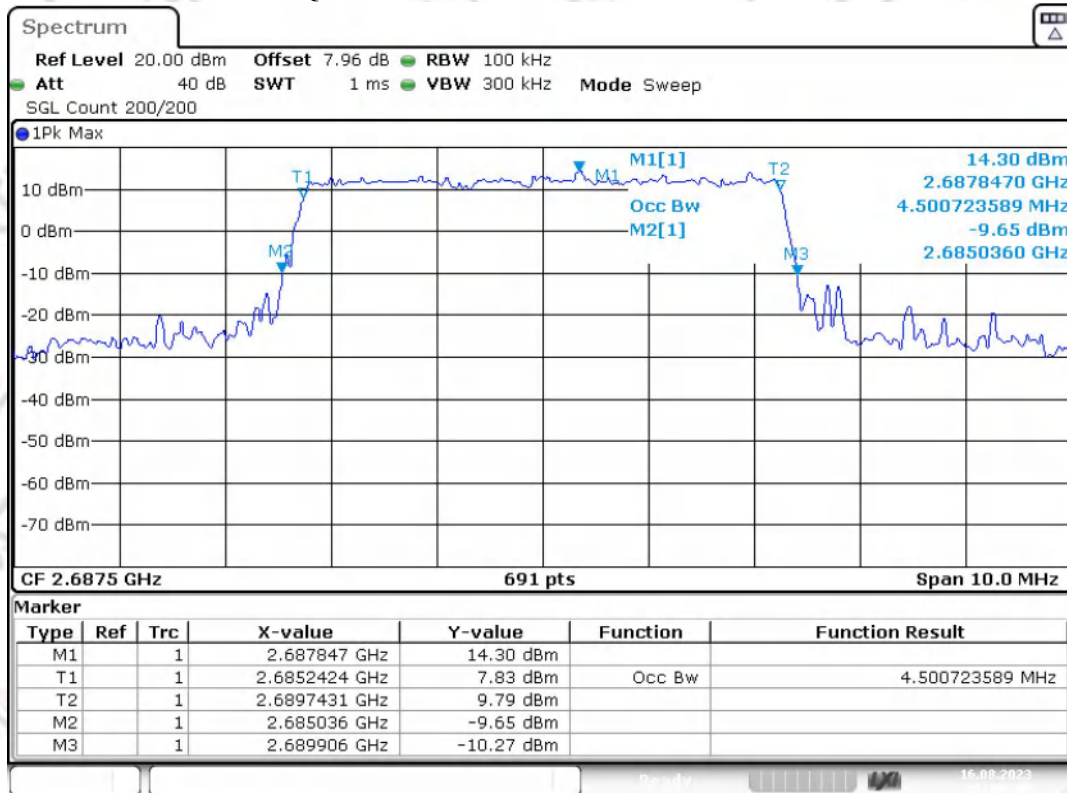
Date: 16.AUG.2023 21:41:18

Band41 QAM16 BW=5MHz Channel=40620 RB Size=25 Position=#0



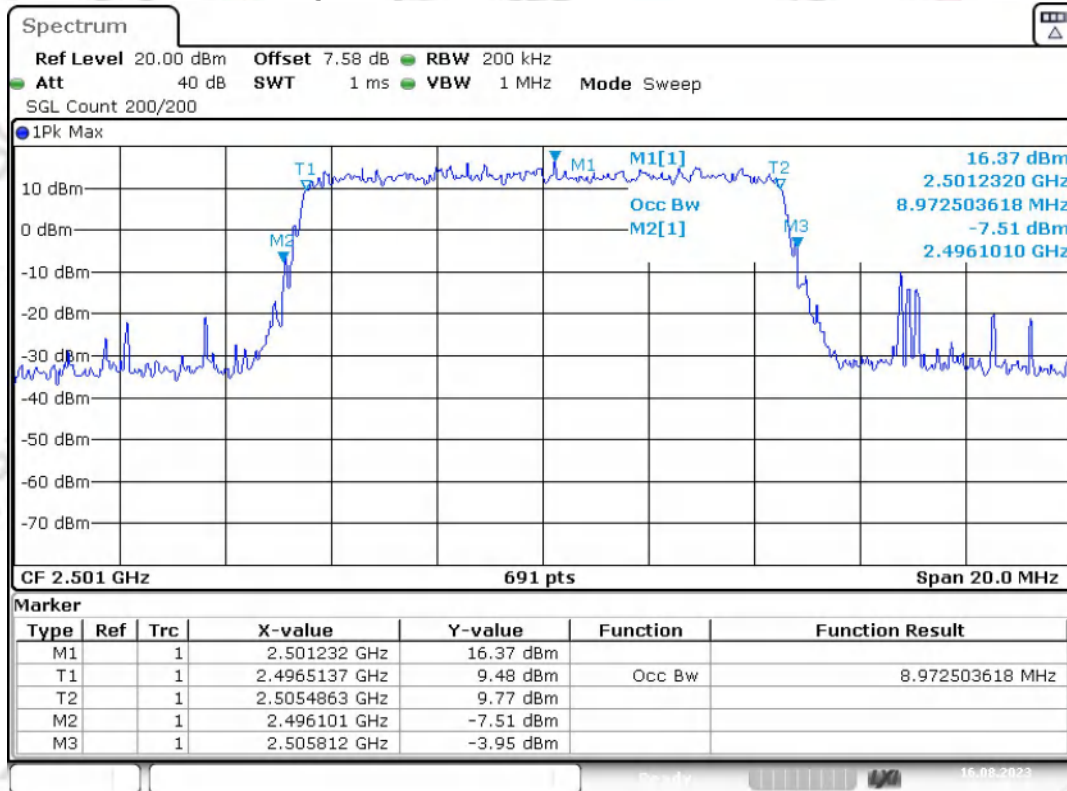
Date: 16.AUG.2023 21:41:26

Band41 QAM16 BW=5MHz Channel=41565 RB Size=25 Position=#0



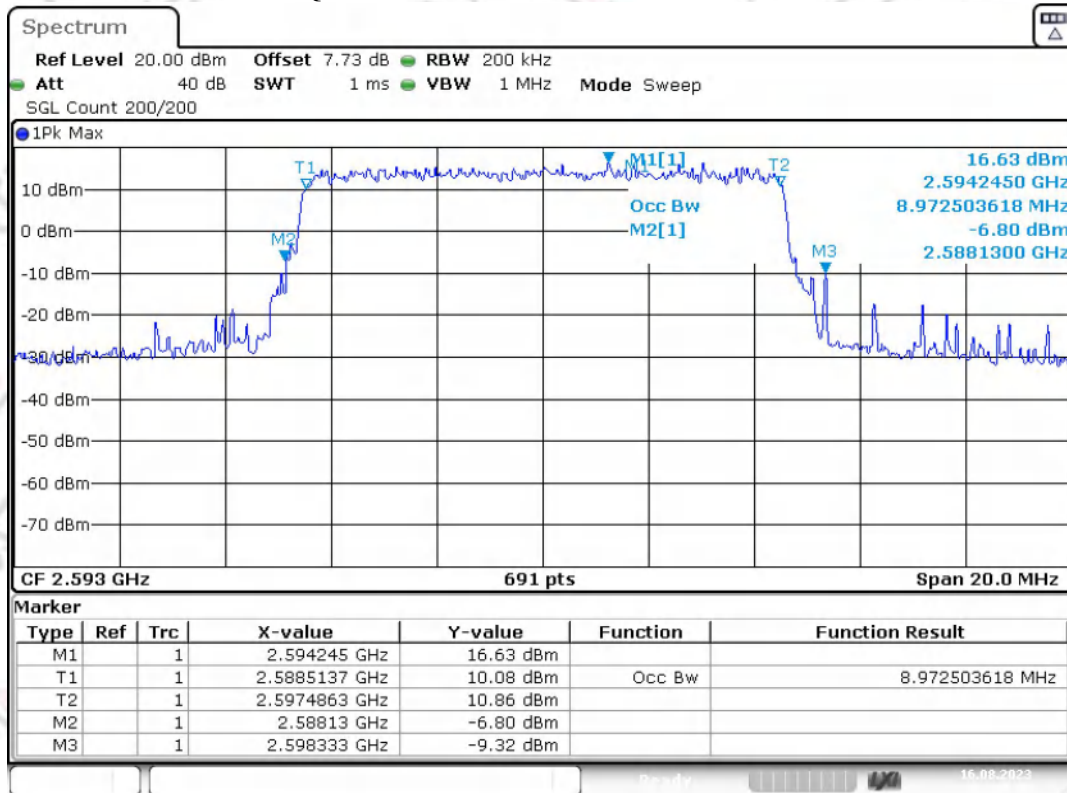
Date: 16.AUG.2023 21:41:33

Band41 QPSK BW=10MHz Channel=39700 RB Size=50 Position=#0



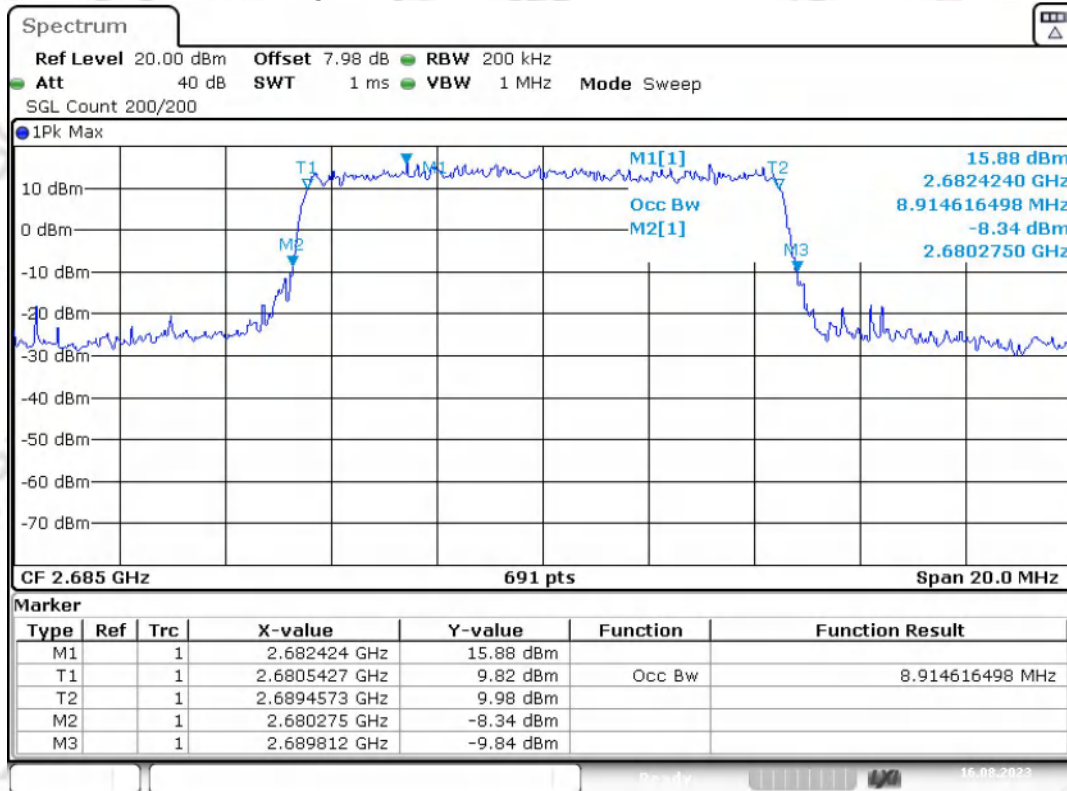
Date: 16.AUG.2023 21:27:15

Band41 QPSK BW=10MHz Channel=40620 RB Size=50 Position=#0



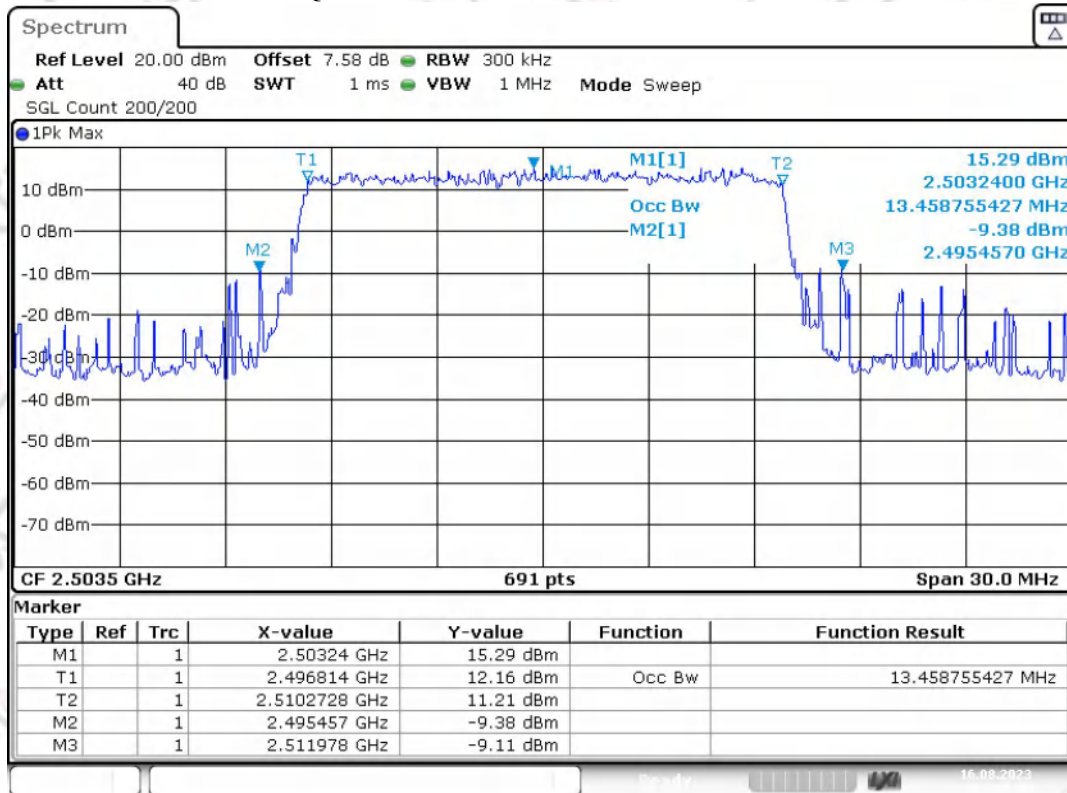
Date: 16.AUG.2023 21:27:27

Band41 QPSK BW=10MHz Channel=41540 RB Size=50 Position=#0



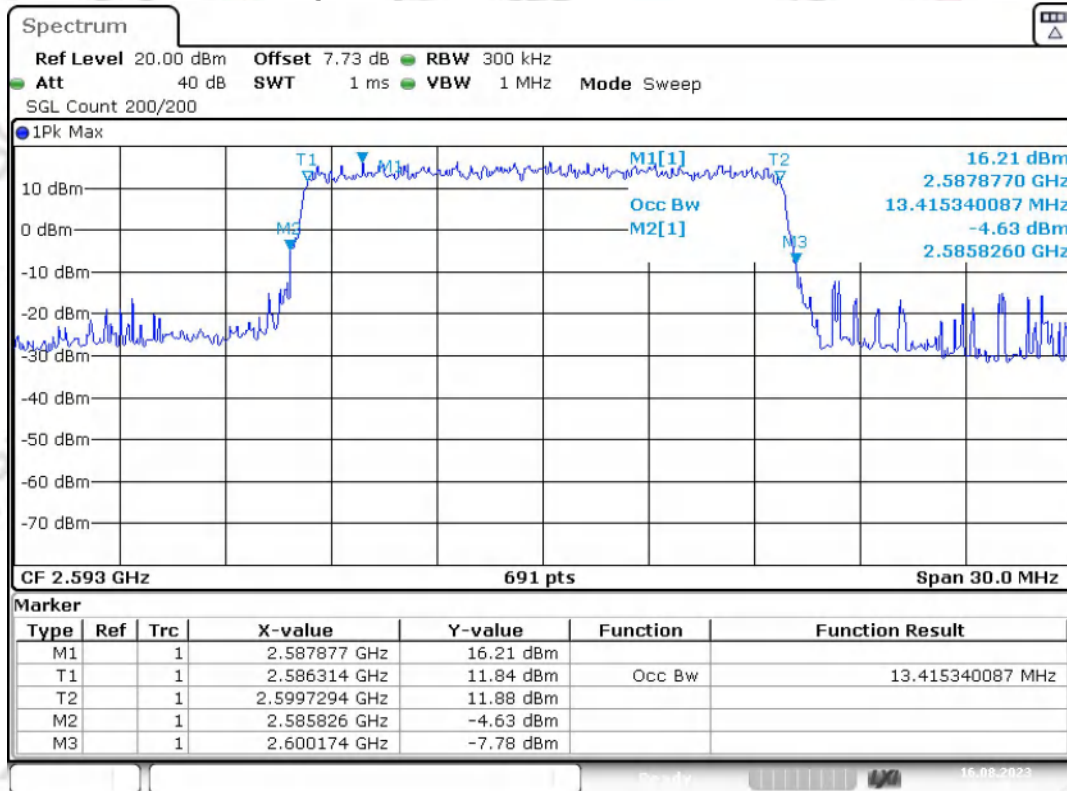
Date: 16.AUG.2023 21:27:36

Band41 QPSK BW=15MHz Channel=39725 RB Size=75 Position=#0



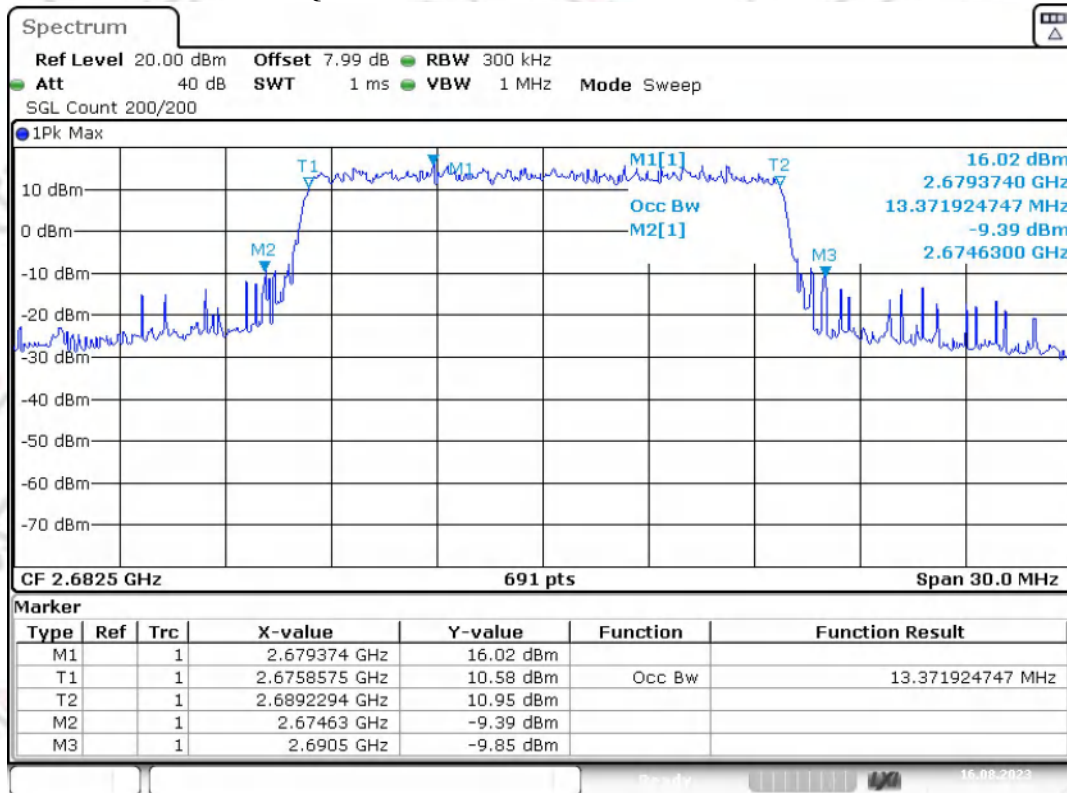
Date: 16.AUG.2023 21:27:45

Band41 QPSK BW=15MHz Channel=40620 RB Size=75 Position=#0



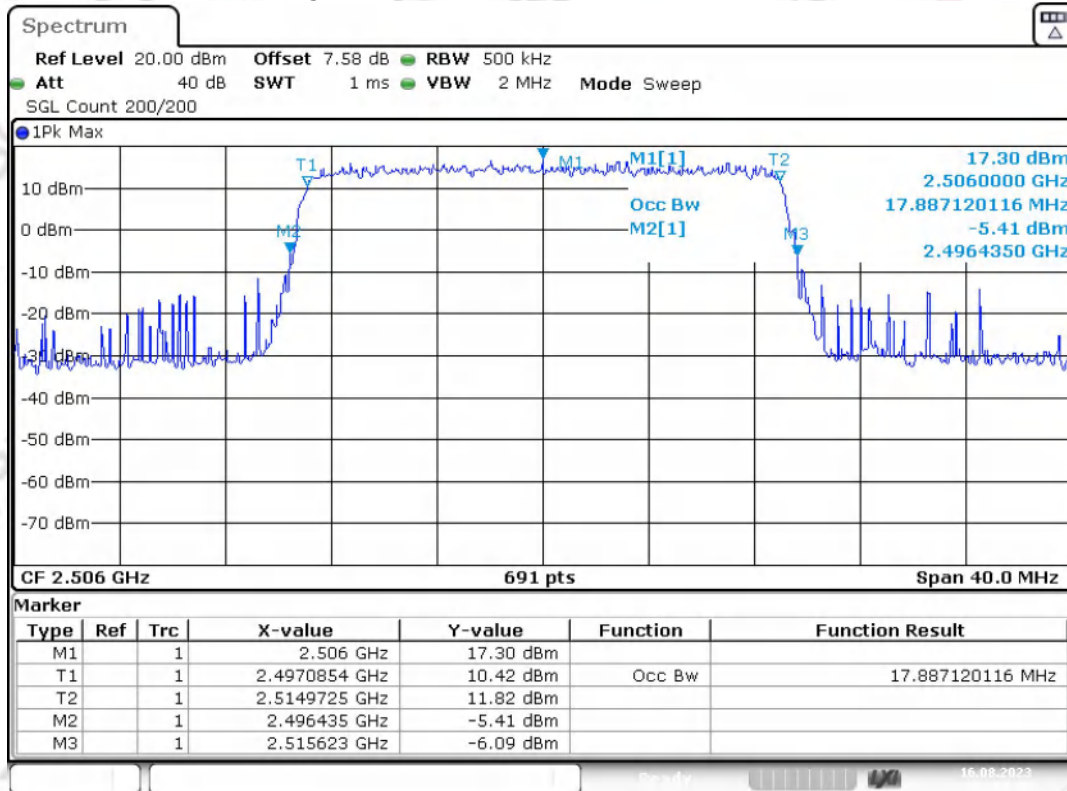
Date: 16.AUG.2023 21:27:51

Band41 QPSK BW=15MHz Channel=41515 RB Size=75 Position=#0



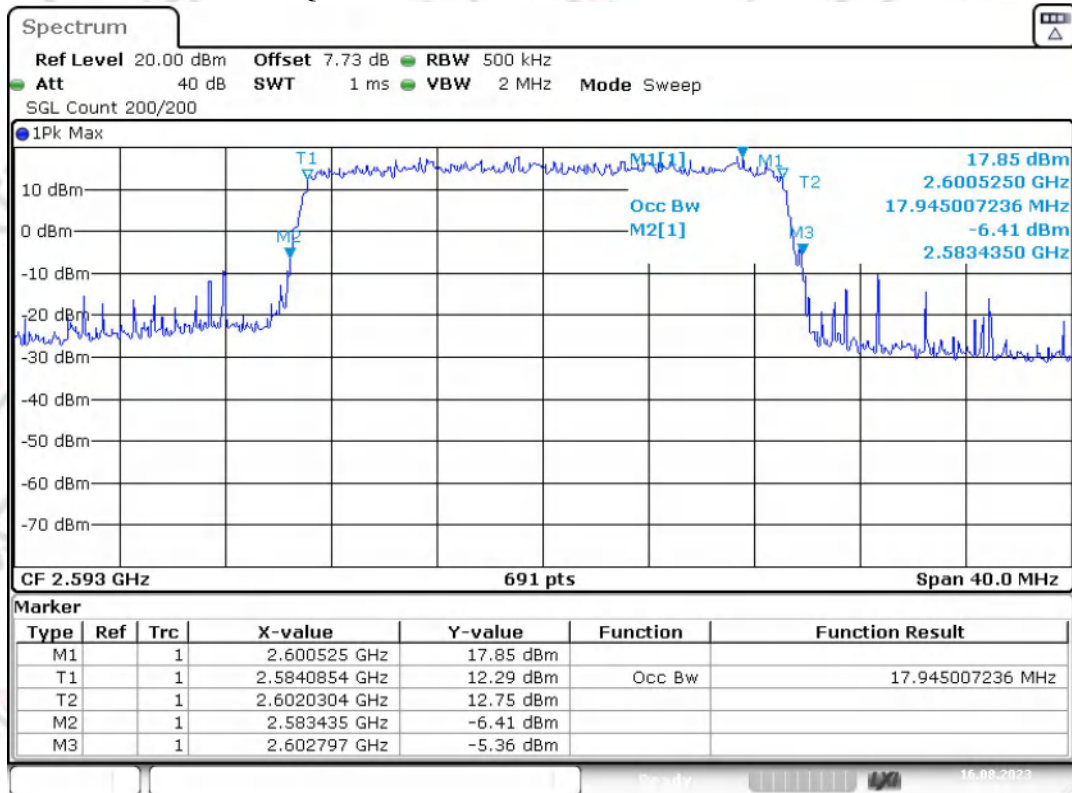
Date: 16.AUG.2023 21:27:58

Band41 QPSK BW=20MHz Channel=39750 RB Size=100 Position=#0



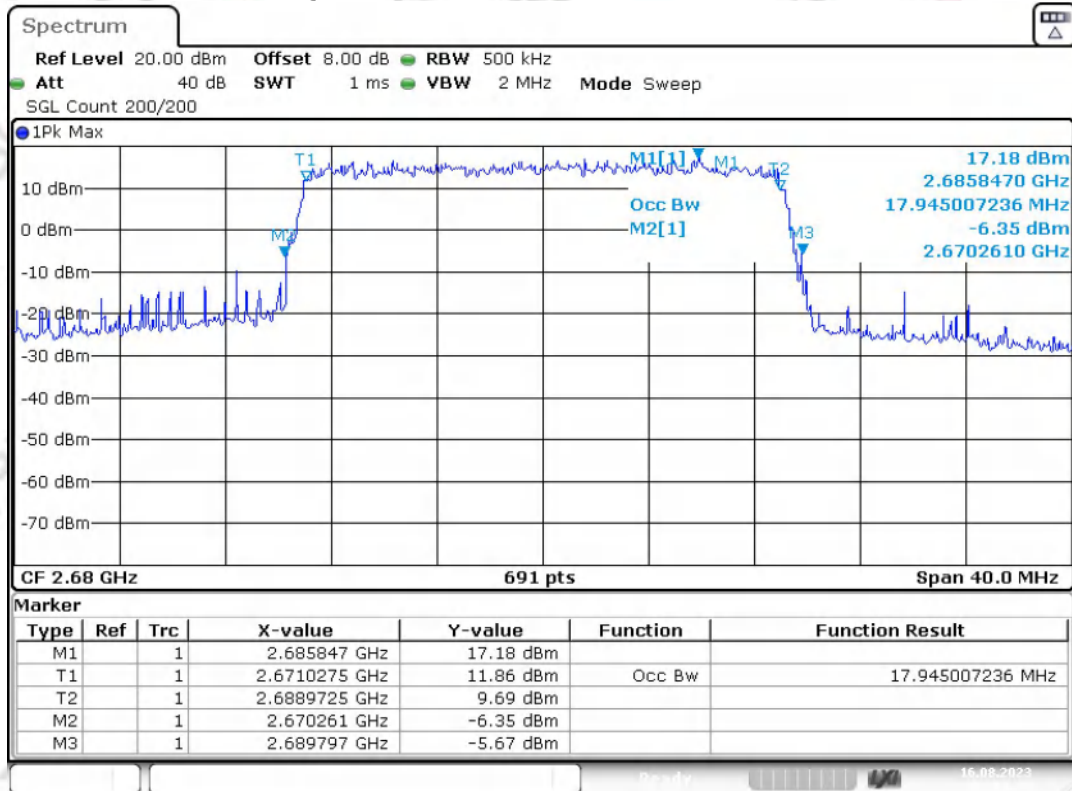
Date: 16.AUG.2023 21:28:07

Band41 QPSK BW=20MHz Channel=40620 RB Size=100 Position=#0



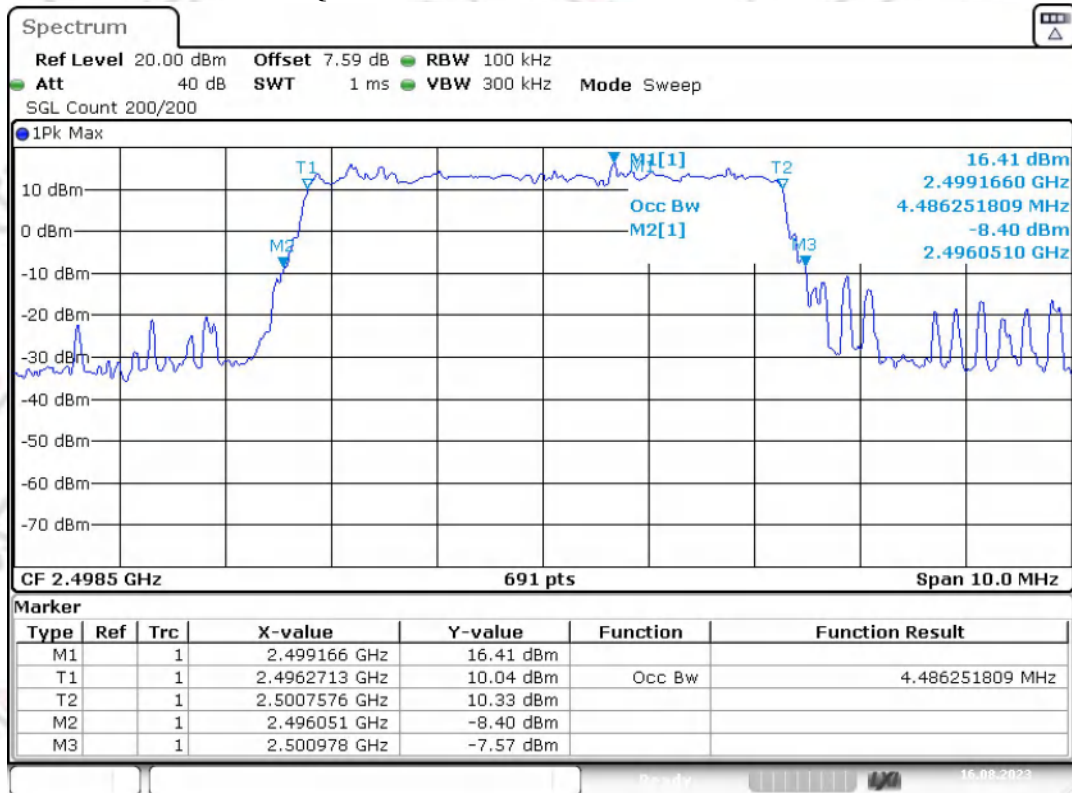
Date: 16.AUG.2023 21:28:13

Band41 QPSK BW=20MHz Channel=41490 RB Size=100 Position=#0



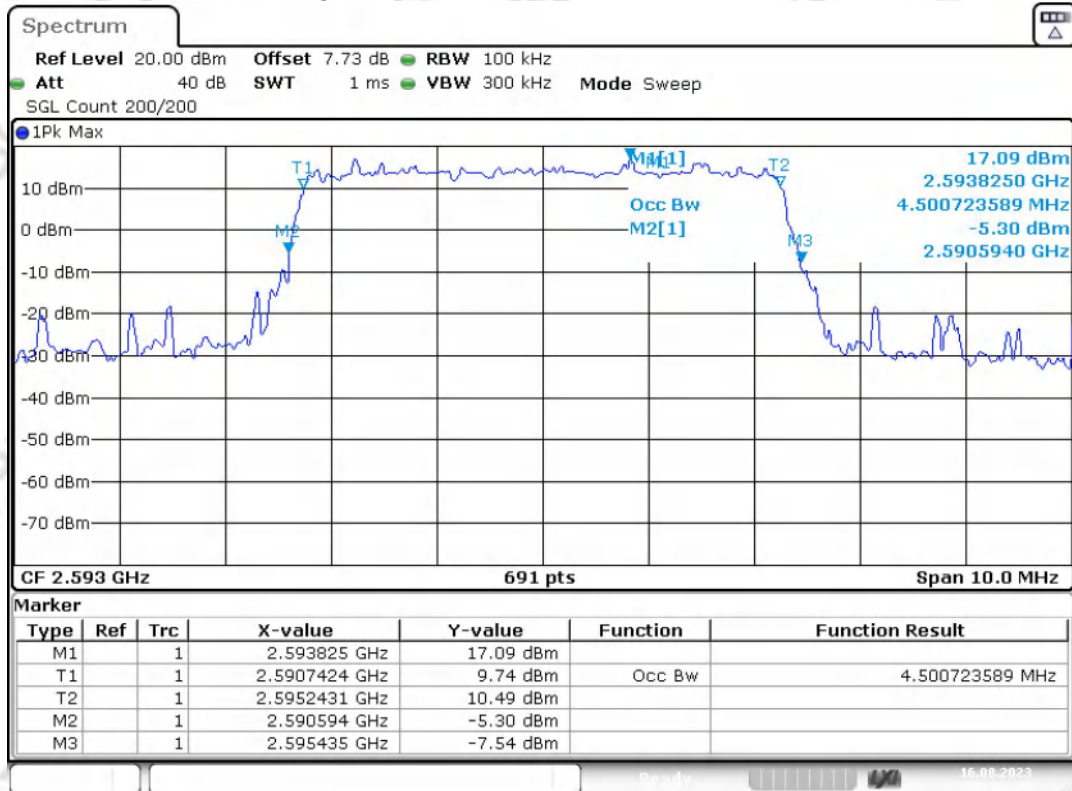
Date: 16.AUG.2023 21:28:21

Band41 QPSK BW=5MHz Channel=39675 RB Size=25 Position=#0



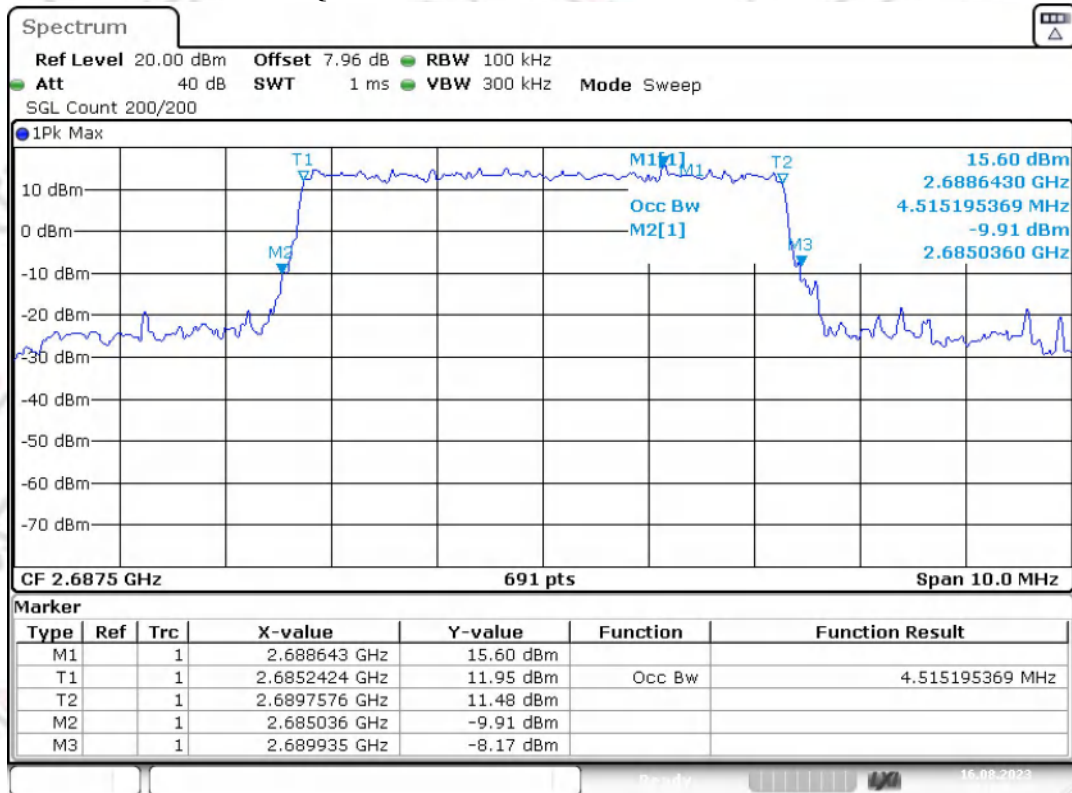
Date: 16.AUG.2023 21:26:48

Band41 QPSK BW=5MHz Channel=40620 RB Size=25 Position=#0



Date: 16.AUG.2023 21:26:57

Band41 QPSK BW=5MHz Channel=41565 RB Size=25 Position=#0

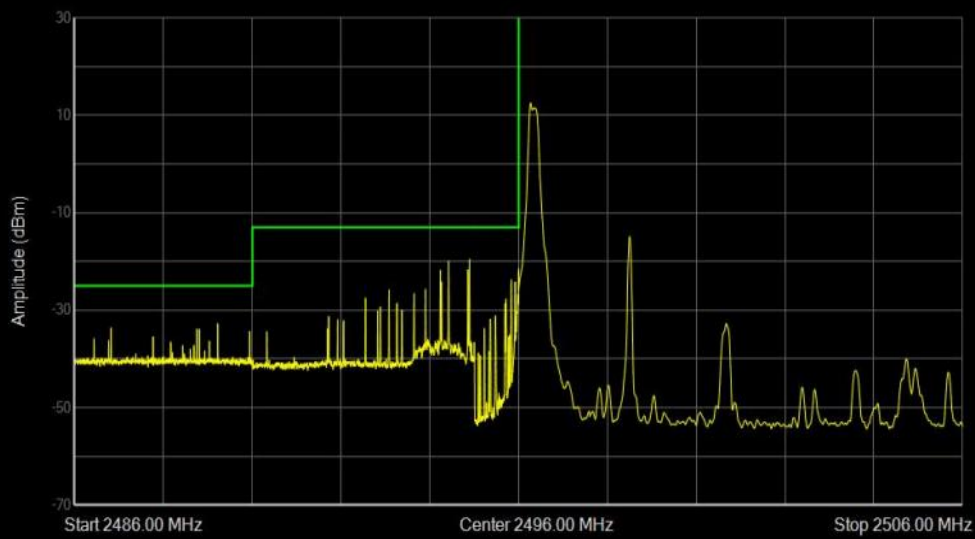


Date: 16.AUG.2023 21:27:03

05 Band edge

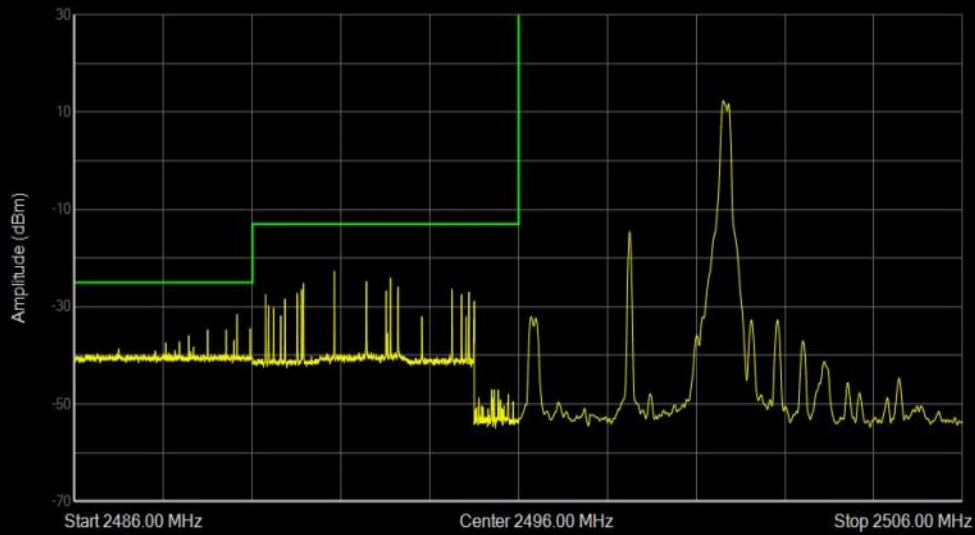
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band41	5	39675	1	#0	QAM16	2494.89	-19.56	-13	PASS
Band41	5	39675	1	#Max	QAM16	2489.66	-31.55	-25	PASS
Band41	5	39675	25	#0	QAM16	2488.12	-35.89	-25	PASS
Band41	5	41565	1	#0	QAM16	2696.14	-29.30	-25	PASS
Band41	5	41565	1	#Max	QAM16	2691.22	-16.27	-10	PASS
Band41	5	41565	25	#0	QAM16	2696.70	-34.57	-25	PASS
Band41	10	39700	1	#0	QPSK	2483.62	-33.31	-25	PASS
Band41	10	39700	1	#Max	QPSK	2485.37	-26.56	-25	PASS
Band41	10	39700	50	#0	QPSK	2484.50	-36.58	-25	PASS
Band41	10	41540	1	#0	QPSK	2700.05	-29.58	-25	PASS
Band41	10	41540	1	#Max	QPSK	2691.01	-19.24	-10	PASS
Band41	10	41540	50	#0	QPSK	2700.47	-30.51	-25	PASS
Band41	15	39725	1	#0	QPSK	2480.81	-34.06	-25	PASS
Band41	15	39725	1	#Max	QPSK	2480.86	-28.99	-25	PASS
Band41	15	39725	75	#0	QPSK	2477.97	-35.91	-25	PASS
Band41	15	41515	1	#0	QPSK	2705.24	-33.07	-25	PASS
Band41	15	41515	1	#Max	QPSK	2690.07	-18.60	-10	PASS
Band41	15	41515	75	#0	QPSK	2706.02	-31.53	-25	PASS
Band41	20	39750	1	#0	QPSK	2495.98	-23.02	-13	PASS
Band41	20	39750	1	#Max	QPSK	2475.97	-34.56	-25	PASS
Band41	20	39750	100	#0	QPSK	2475.94	-39.06	-25	PASS
Band41	20	41490	1	#0	QPSK	2710.45	-38.22	-25	PASS
Band41	20	41490	1	#Max	QPSK	2690.03	-17.95	-10	PASS
Band41	20	41490	100	#0	QPSK	2710.79	-36.36	-25	PASS
Band41	5	39675	1	#0	QPSK	2494.98	-15.75	-13	PASS
Band41	5	39675	1	#Max	QPSK	2489.62	-30.90	-25	PASS
Band41	5	39675	25	#0	QPSK	2493.94	-22.41	-13	PASS
Band41	5	41565	1	#0	QPSK	2697.01	-32.06	-25	PASS
Band41	5	41565	1	#Max	QPSK	2696.61	-34.75	-25	PASS
Band41	5	41565	25	#0	QPSK	2696.14	-32.80	-25	PASS

Band41 QAM16 BW=5MHz Channel=39675 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.22	-32.77	-25
2	2490	2495	1000	2494.89	-19.56	-13
3	2495	2496	50	2495.997	-21.56	-13

Band41 QAM16 BW=5MHz Channel=39675 RB Size=1 Position=#Max



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.656	-31.55	-25
2	2490	2495	1000	2491.85	-22.71	-13
3	2495	2496	50	2495.387	-47.06	-13